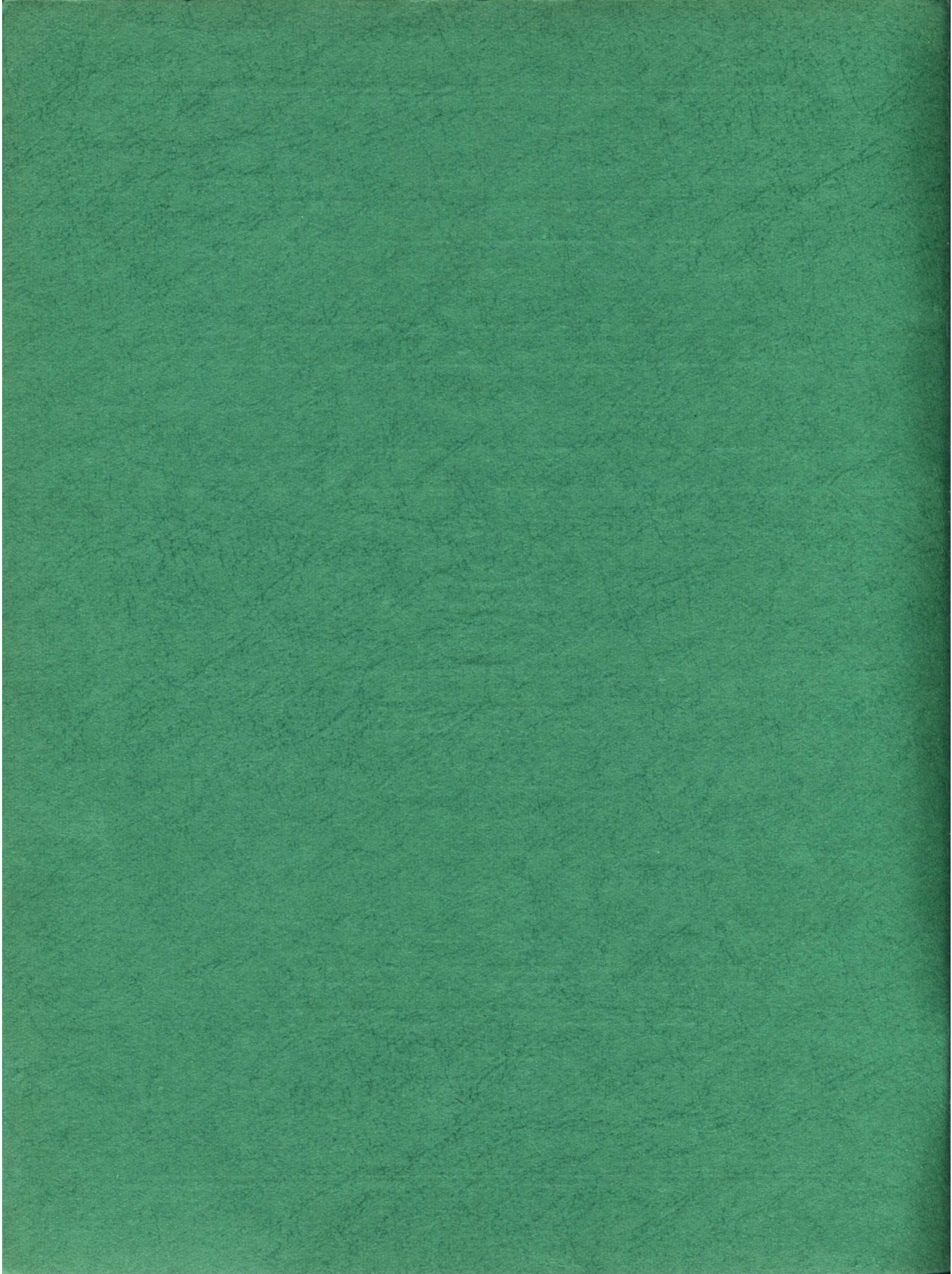


**INSTRUMENTS
FOR
CARDIO-VASCULAR
AND
THORACIC SURGERY**



**CATALOGUE
PART 3**

MADE BY
THE GENITO URINARY MFG. CO., LTD
28a, 33 & 34 DEVONSHIRE STREET
LONDON W.1



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AND THORACIC SURGERY

PART 3

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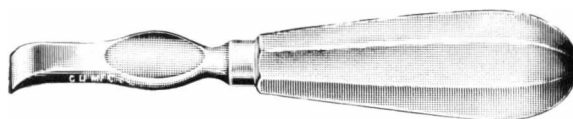
TELEGRAMS: CYSTOSCOPE, WESDO, LONDON . TELEPHONES: WELBECK 2835 (3 Lines)

THE advances in Thoracic and Cardio-Vascular Surgery during recent years have resulted in a marked improvement of the armamentarium for this branch of surgery. We have been entrusted with the designing and manufacture of a considerable number of the instruments illustrated in this catalogue, and can consequently guarantee that they conform to the author's specifications.

Our thanks are due to the many distinguished surgeons whose advice has enabled us to produce these instruments, of a quality not easily surpassed.

THE GENITO URINARY MFG. CO. LTD.

London, 1961



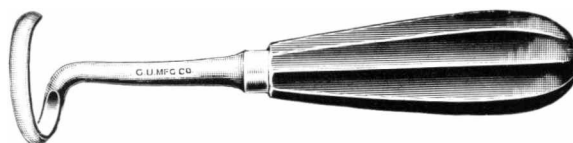
GU1000 Rugine (Rib stripper), Nelson's, stainless steel, with sand-blasted handle.



GU1001 Rugine (Rib stripper), Nelson's, child size, stainless steel, with sand-blasted handle.



GU1002 Combined Periosteal Elevator and Rugine, Alexander's, stainless steel, with sand-blasted handle.



GU1003 Rib Raspatory, Doyen's, adult size, left, stainless steel, with sand-blasted handle.

GU1004 Ditto adult size, right.

GU1005 Ditto child size, left.

GU1006 Ditto child size, right.



GU1007 Rib Raspatory, Sellors', stainless steel, with weighted handle, sand-blasted, right.

GU1008 Ditto, left.



GU1009 Rugine (Rib stripper), Roberts-Nelson's, stainless steel, with sand-blasted handle.

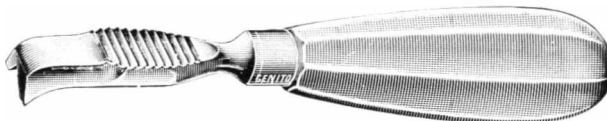


GU1010 Rugine (Rib stripper), Tudor Edwards', stainless steel, with sand-blasted handle.

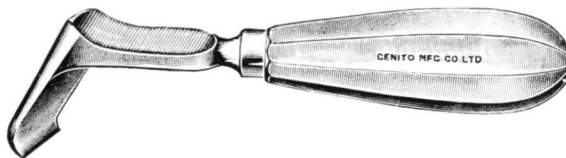
GU1011 Rugine (Rib stripper), Sellors' modification of Tudor Edwards' child size, 6 m.m. wide, stainless steel, with sand-blasted handle. (*Not illustrated*).



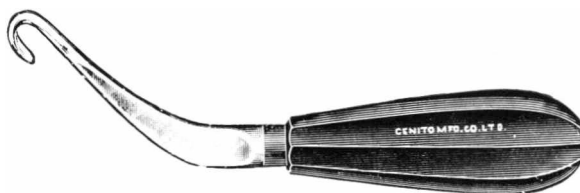
GU1012 Rugine (Rib stripper), Price Thomas', stainless steel, with sand-blasted handle.



GU1013 Rugine (Rib stripper), Hunter's, stainless steel, with sand-blasted handle.



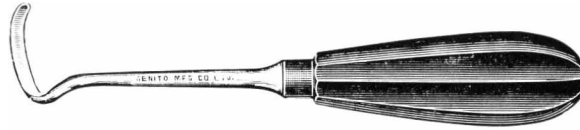
GU1014 First Rib Raspatory, Roberts', stainless steel, with sand-blasted handle.



GU1015 First Rib Raspatory, Nelson's, stainless steel, with sand-blasted handle.



GU1016 First Rib Raspatory, Tudor Edwards', stainless steel, with sand-blasted handle.



GU1017 First Rib Raspator, Morrison Davies', left, with stainless steel, sand-blasted handle.

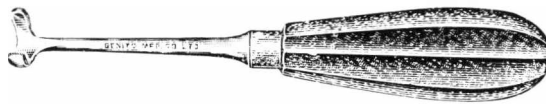
GU1018 Ditto, right.



GU1019 First Rib Raspator, Bull's, stainless steel, with sand-blasted handle.



GU1020 First Rib Raspator, Price Thomas', stainless steel, with sand-blasted handle.



GU1021 First Rib Raspator, Bethune's, stainless steel, with sand-blasted handle.



GU1022 First Rib Raspator, Sauerbruch's, short model, stainless steel, with sand-blasted handle.

GU1023 Ditto, long model.



GU1024 First Rib Hook, Price Thomas', left, stainless steel, with sand-blasted handle.

GU1025 Ditto, right.



GU1026 First Rib Hook, Tudor Edwards', left, stainless steel, with sand-blasted handle.

GU1027 Ditto, right.



GU1028 Rib Hook, O'Brien's, left, stainless steel, with sand-blasted handle.

GU1029 Ditto, right.



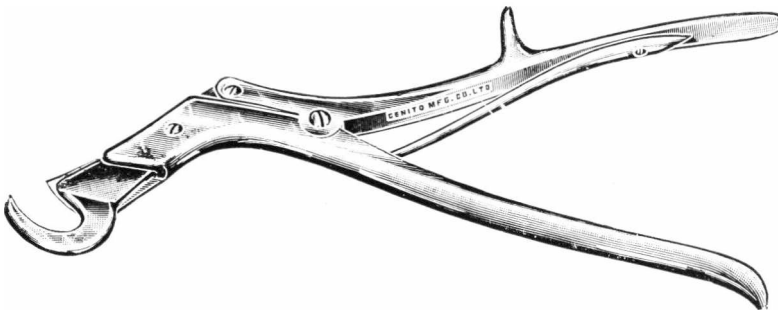
GU1030 Rib Raspatory, Morrision Davies', stainless steel, with sand-blasted handle.



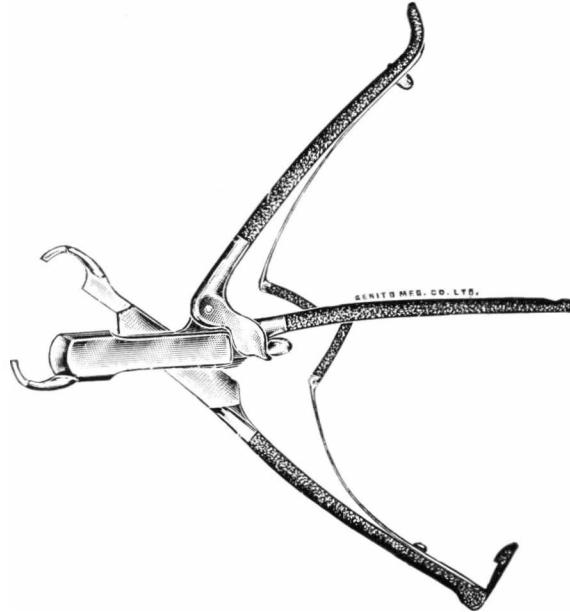
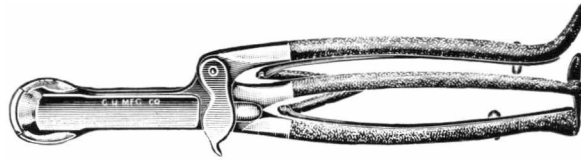
GU1031 Rib Raspatory, Morrision Davies', angled, stainless steel, with sand-blasted handle.



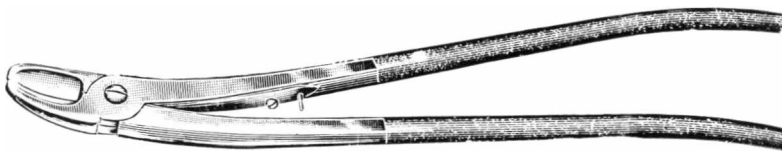
GU1032 Rib Raspatory, Sellors', for rib edges, stainless steel, with sand-blasted handle.



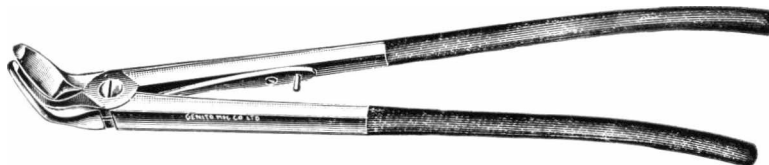
GU1033 Rib Shears, Giertz's, stainless steel, with sand-blasted handles.



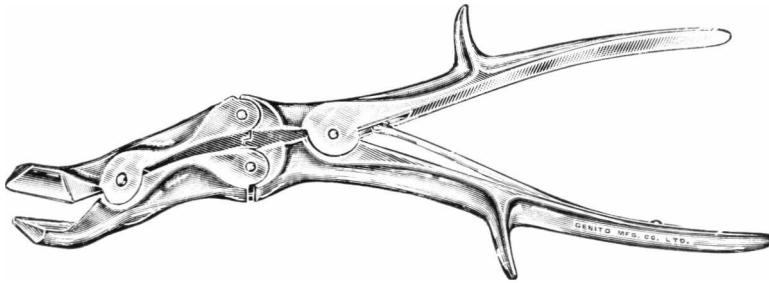
GU1034 Costotome, Tudor Edwards', stainless steel, with sand-blasted handles.



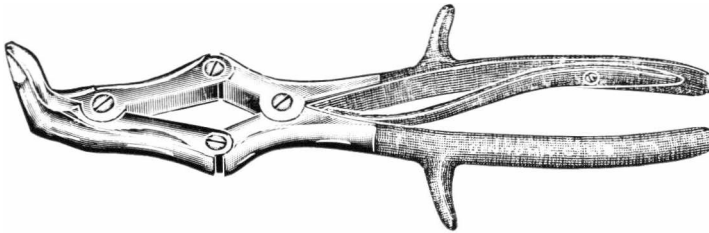
GU1035 Rib Shears, Bethune-Nelson's, with probe ended blades, stainless steel, with sand-blasted handles.



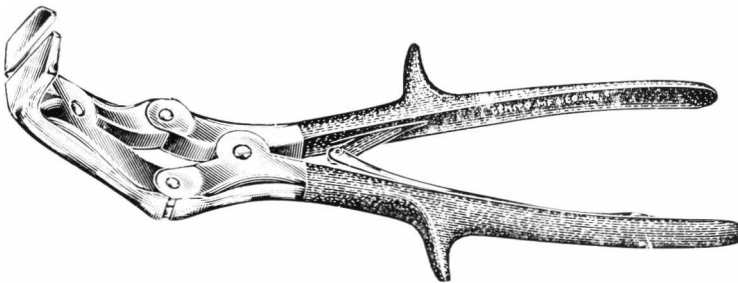
GU1036 Rib Shears, Roberts', with angular probe ended blades, stainless steel, with sand-blasted handles.



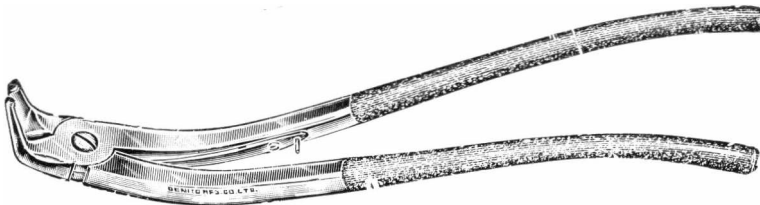
GU1037 Rib Shears, Tudor Edwards', for posterior ends, stainless steel, with sand-blasted handles.



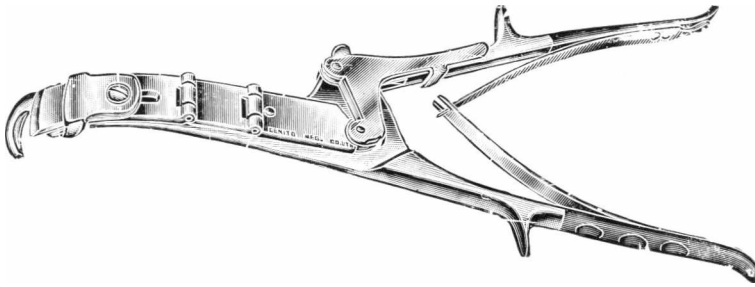
GU1038 Rib Shears, Price Thomas', stainless steel, with sand-blasted handles.



GU1039 Rib Shears, Tudor Edwards', for anterior end of first and second ribs, stainless steel, with sand-blasted handles.



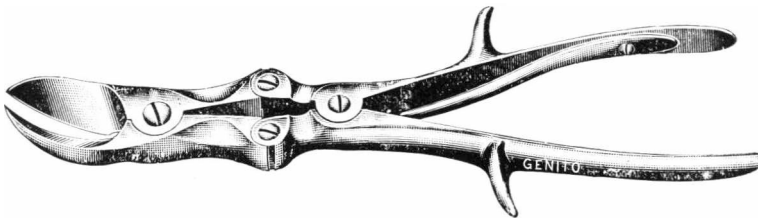
GU1040 Rib Shears, Roberts', with probe ended blades, for anterior end of first and second ribs, stainless steel, with sand-blasted handles.



GU1041 Rib Shears, Brunner's, curved, stainless steel, with sand-blasted handles.

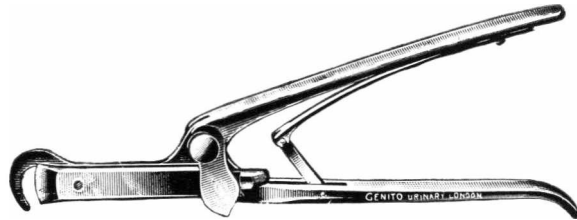


GU1042 Rib Shears, Mason's, 7" long, stainless steel.

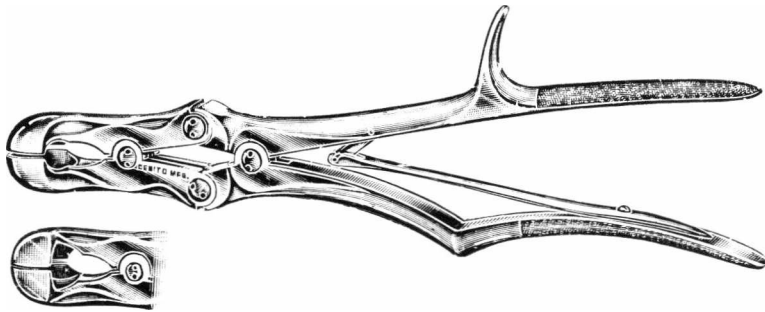


GU1043 Rib Shears, double action, stainless steel, with sand-blasted handles.

We are the actual manufacturers of electrical and optical instruments, including Cystoscopes, Gastrosopes, Surgical Diagnostic Lamps, and similar apparati. Catalogues and descriptive literature will be forwarded upon request.



GU1044 Costotome, Sellors', for children, stainless steel with sand-blasted handles.

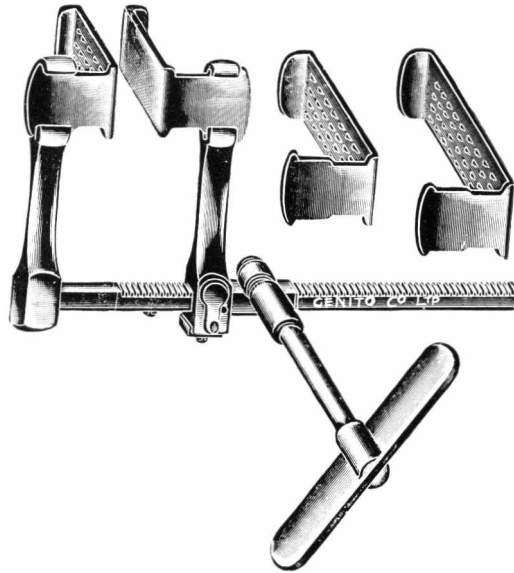


GU1045 Rongeur Forceps, Sauerbruch's, with round cutting jaws, stainless steel, with sand-blasted handles.

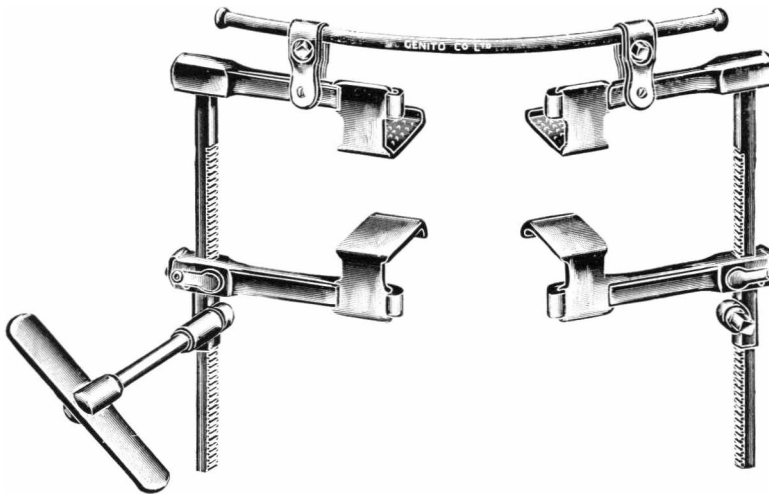
GU1046 Ditto, with square cutting jaws.



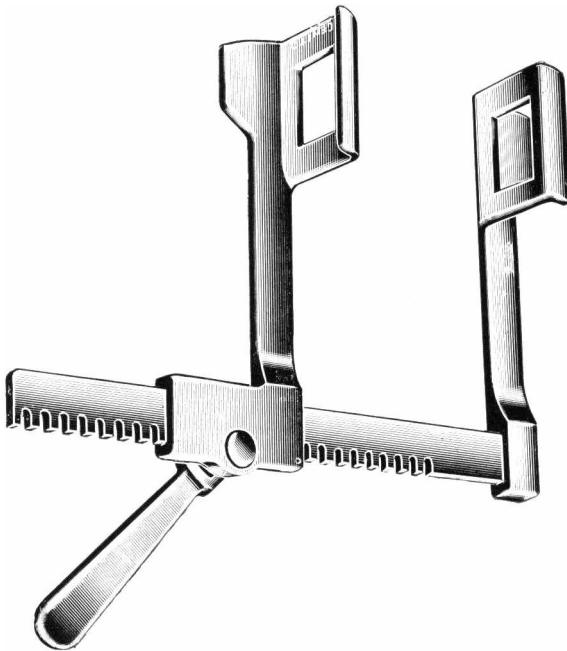
GU1047 Rongeur Forceps, Sellors', for posterior ends and transverse process, stainless steel, with sand-blasted handles.



GU1048 Rib Spreader, Tudor Edwards', with three pairs of interchangeable blades 1", 2", 3" long and one key, stainless steel, sand-blasted finish.

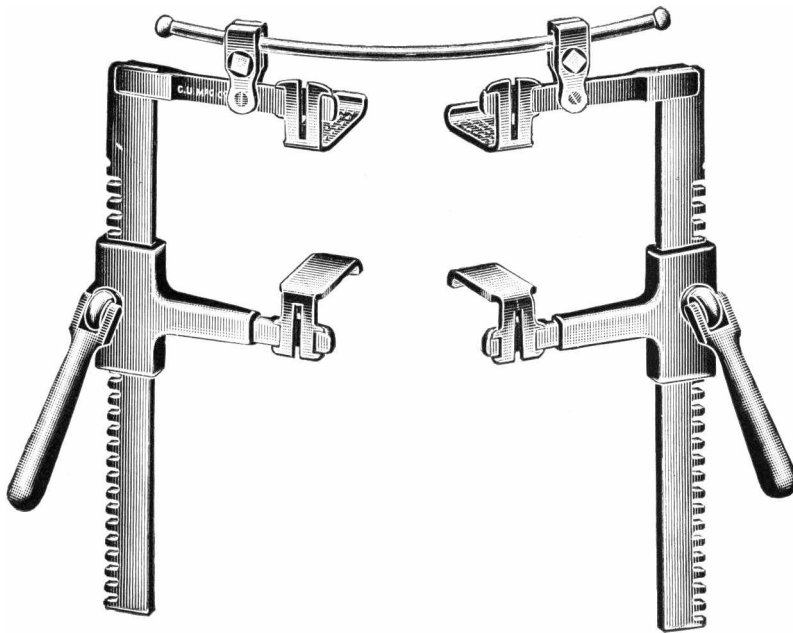


GU1049 Double Rib Spreader, Tudor Edwards', consisting of two single spreaders adjustable on connecting bar, six pairs interchangeable blades 1", 2", 3" long and two keys, stainless steel sand-blasted finish.

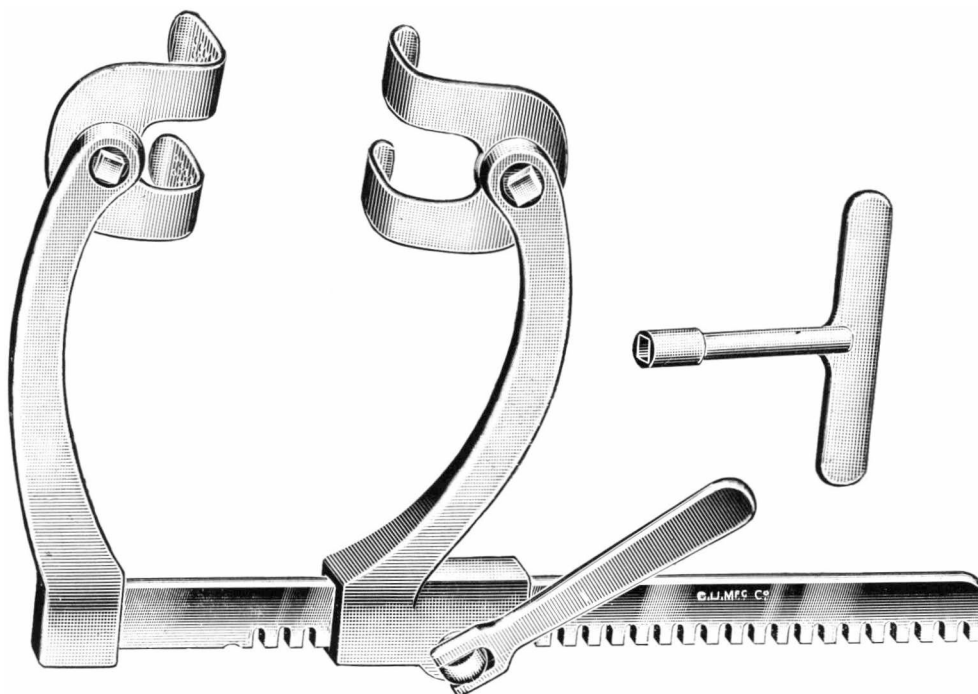


GU1050 Rib Spreader,
Finochietto's, sand-
blasted finish.

GU1051 Rib Spreader,
Finochietto's, as above,
but with curved arms
and adjustable scapula
blade. (*Not illustrated*).

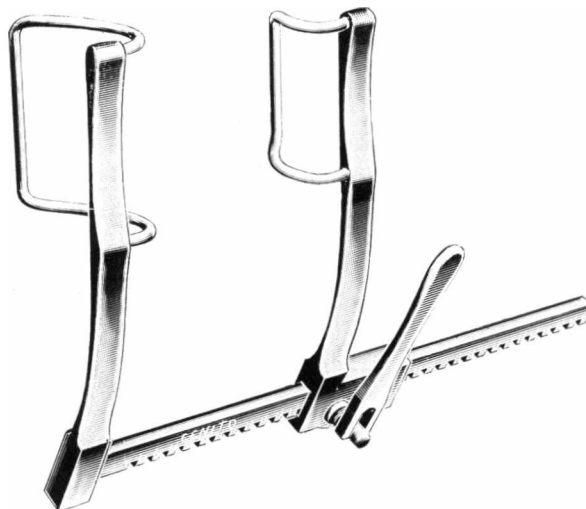


GU1052 Double Rib Spreader, Cleland's, consisting of two single spreaders
adjustable on connecting bar, six sets interchangeable blades 1",
2", 3", long and one key, sand-blasted finish.



GU1053 Rib Spreader, Sellors', with three pairs of blades and detachable key, sand-blasted finish.

GU1054 Sternal Blades, for use with the above retractor (*Not illustrated*).



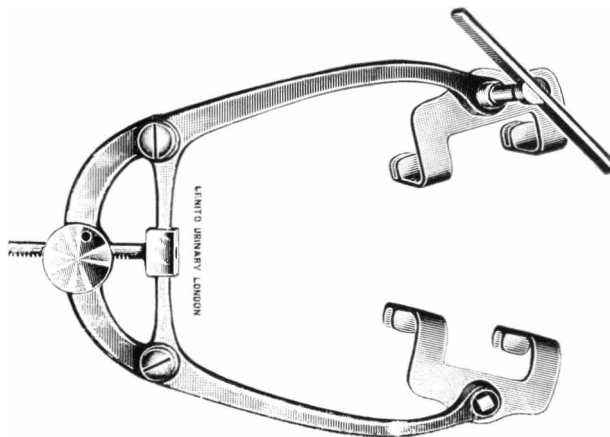
GU1055 Rib Spreader, R. Edwards' modification of Finochietto's, stainless steel, sand-blasted finish.

GU1055a Rib Spreader, R. Edwards' modification of Finochietto's, child size, stainless steel. (*Not illustrated*).

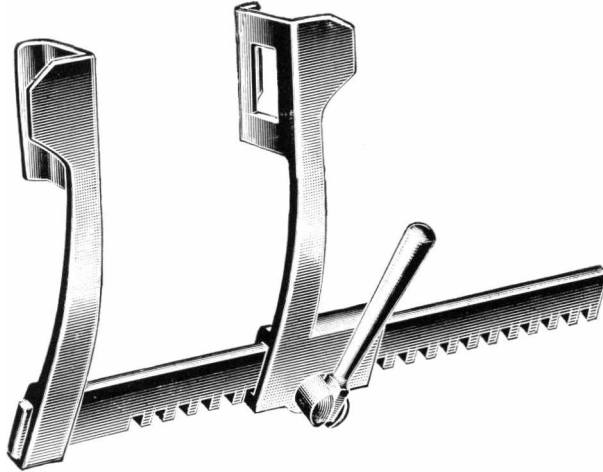


GU1056 Rib Spreader, Burford's modification of Finochietto's, with curved side arms and two pairs detachable blades, stainless steel, sand-blasted finish.

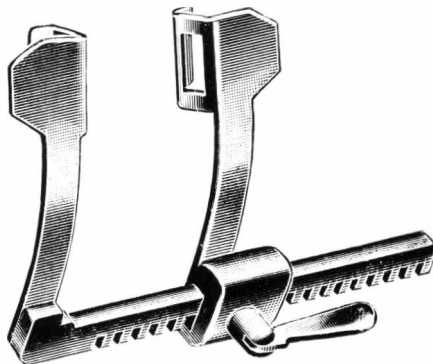
GU1057 Sternal Blades, Temple's, for use with above retractor (*Not illustrated*).



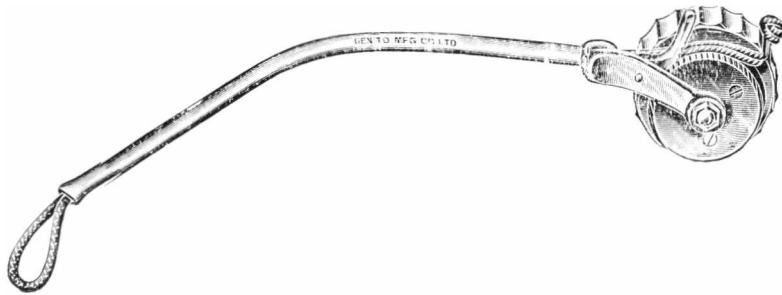
GU1058 Rib Spreader, Price Thomas', with three pairs of blades and detachable key, stainless steel, sand-blasted finish.



GU1059 Rib Spreader, Finochietto's, child size, with curved arms, sand-blasted finish.



GU1060 Rib Spreader, Waterston's modification of Finochietto, infant size, with curved arms, sand-blasted finish.



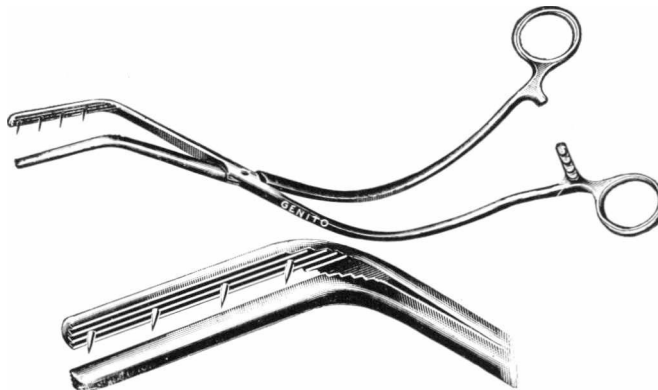
GU1061 Lung Tourniquet, Roberts-Nelson's, chromium-plated finish.



GU1062 Pneumonectomy Clamp, Dalton's, stainless steel. "A".

GU1063 Lobectomy Clamp, Dalton's, stainless steel. "B".

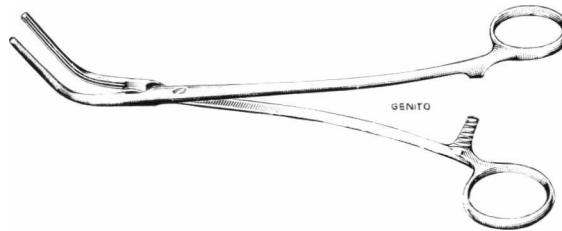
GU1064 Segmental Resection Clamp, Dalton's, stainless steel. "C".



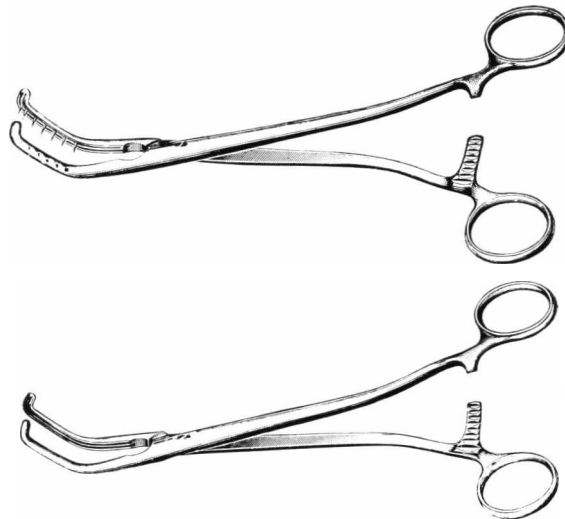
GU1065 Bronchus Clamps, Brock's, left and right, stainless steel.



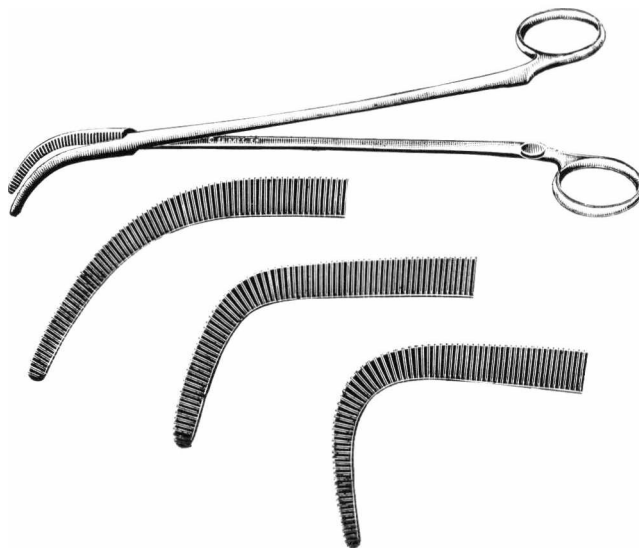
GU1066 Bronchus Clamps, Vernon Thompson's, left and right, stainless steel.



GU1067 Bronchus Clamps, Barrett's, set of three, stainless steel.



GU1068 Bronchus Clamps, Price Thomas', set of three, stainless steel.



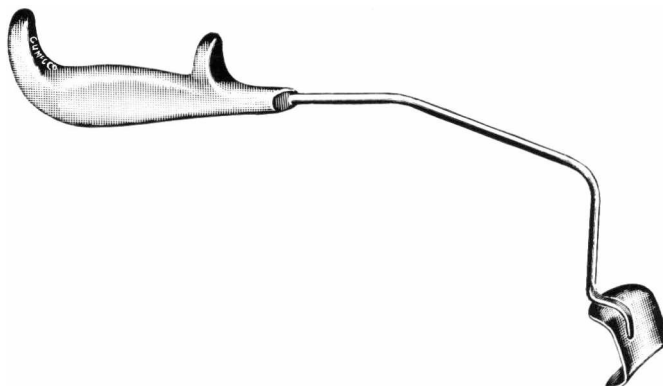
GU1069 Segmental Resection Clamps, Barrett's, set of three varying curves, stainless steel.



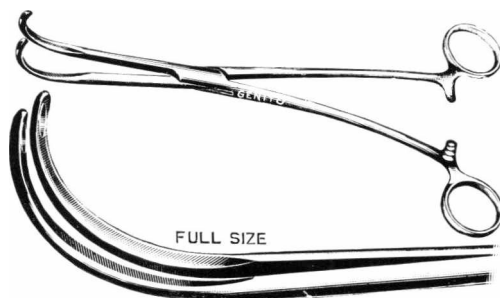
GU1070 Double Ended Bronchus Dissector, Price Thomas', stainless steel.



GU1071 Bronchus Dissecting Forceps, Price Thomas', 10" long, 4 in 5 extra fine teeth, stainless steel.

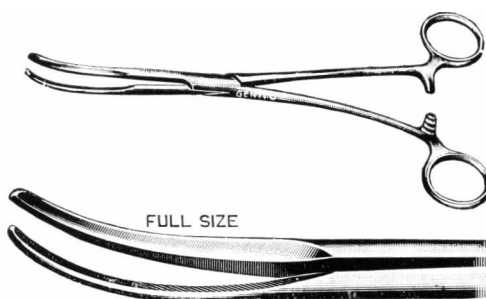


GU1072 Aortic Retractor, Cumming's, for left pneumonectomy, stainless steel, with sand-blasted handle.



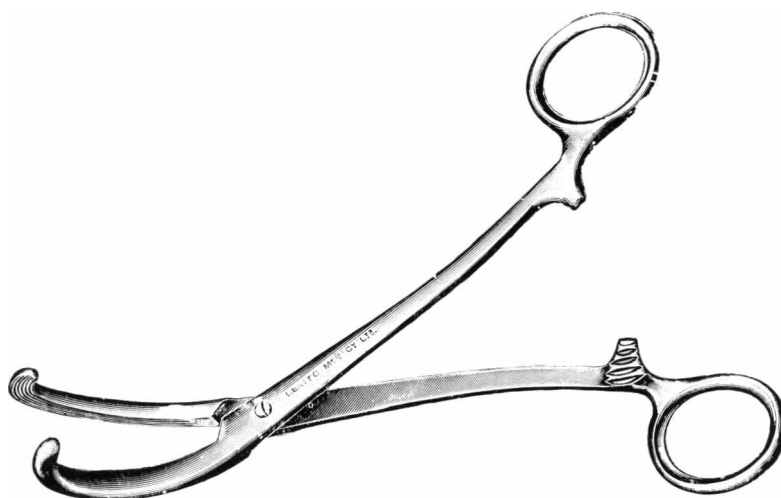
GU1073 Pneumonectomy Forceps, Semb's, full curve, stainless steel.

GU1074 Ditto, child size.



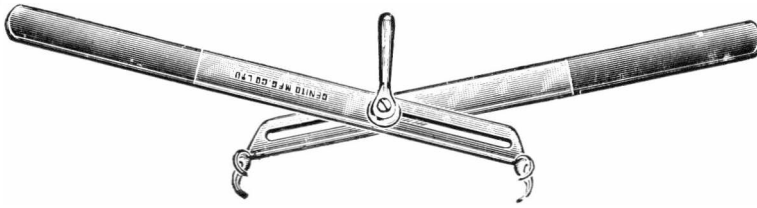
GU1075 Pneumonectomy Forceps, Semb's, half curve, stainless steel.

GU1076 Ditto, child size.

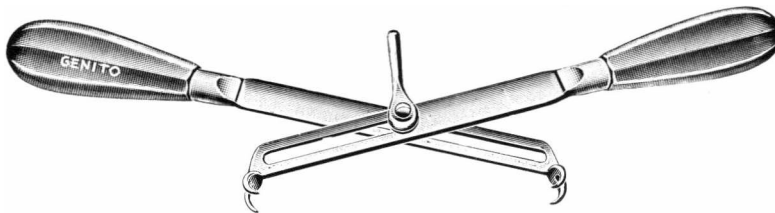


GU1077 Lobectomy Clamp, Sellors'-Romanis', curved, heavy pattern, stainless steel.

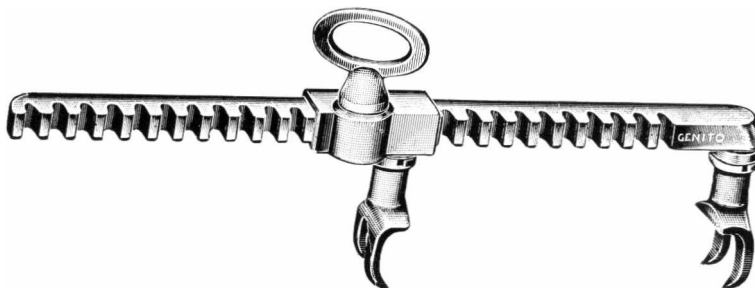
GU1078 Ditto, child size.



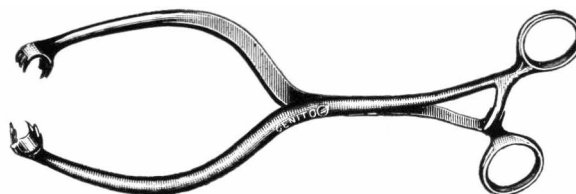
GU1079 Rib Approximator, Roberts', stainless steel, with sand-blasted handles.



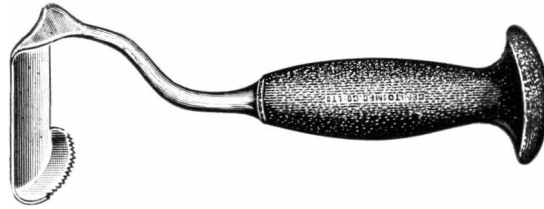
GU1080 Rib Approximator, Brock's, stainless steel, with sand-blasted handles.



GU1081 Combined Rib Approximator and Rib Spreader, Sellors', stainless steel.

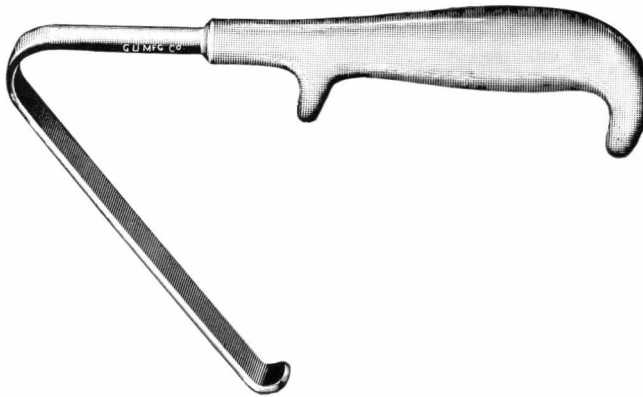


GU1082 Rib Approximator, Crafoord's, stainless steel.



GU1083 Scapula Retractor, Tudor Edwards', stainless steel, with sand-blasted handle.

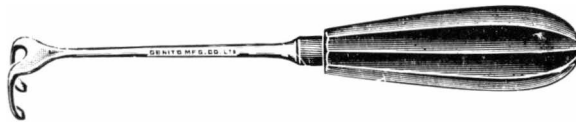
GU1084 Ditto, child size.



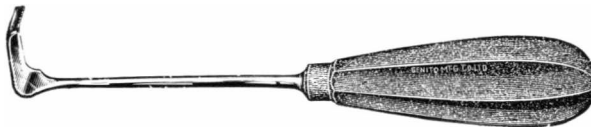
GU1085 Pectoral Retractor, Hurt's, stainless steel, with sand-blasted handle.



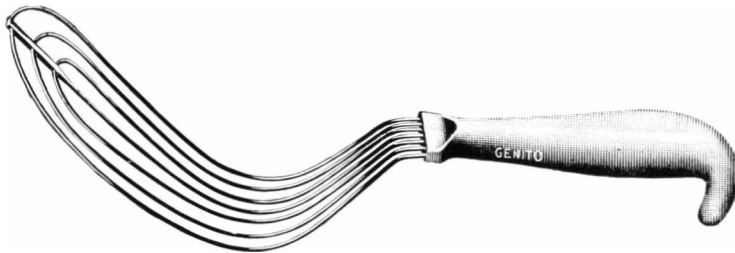
GU1086 Pectoral Retractor, Roberts', stainless steel, with sand-blasted handle.



GU1087 Erector Spinae Retractor, Brompton Hospital pattern, stainless steel, with sand-blasted handle.



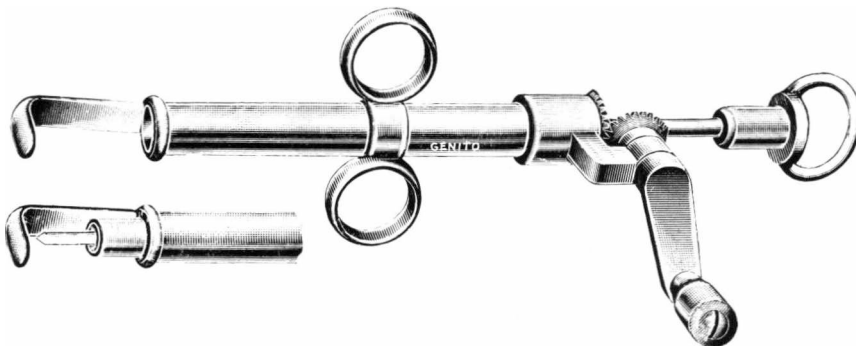
GU1088 Erector Spinae Retractor, Brock's, stainless steel, with sand-blasted handle.



GU1089 Lung Retractor, Allison's, adult size, stainless steel wire blades, with sand-blasted handle.

GU1090 Ditto, child size.

GU1091 Ditto, infant size.

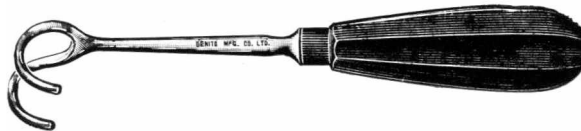


GU1092 Rib Drill, Brock's, chromium plated finish.

GU1093 Spare drill for above.



GU1094 Rib Awl, Belcher's, with eye, stainless steel, with sand-blasted handle.



GU1095 Double Hook Retractor, Guy's Hospital pattern, 1" wide, stainless steel, with sand-blasted handle.

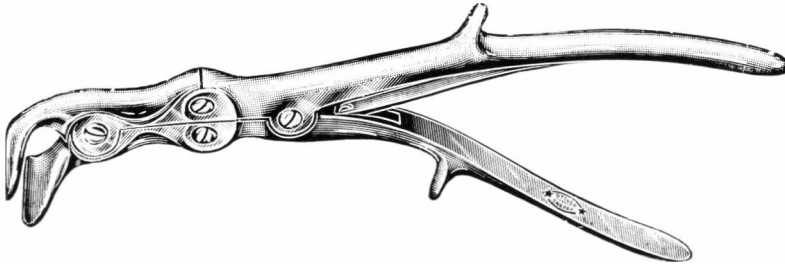
GU1096 Ditto, 1½" wide.



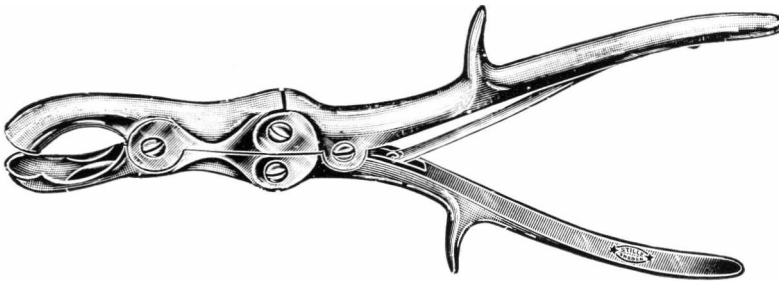
GU1097 Ligature Pusher, Fawcett's, stainless steel, with sand-blasted handle.

REPAIRS

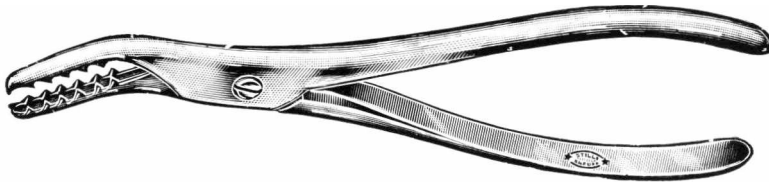
A special section of our Factory is equipped for the repair of surgical instruments. This type of work requires a high degree of skill, and it cannot be too strongly emphasised that a well-made instrument may be ruined if not repaired by a skilled craftsman.



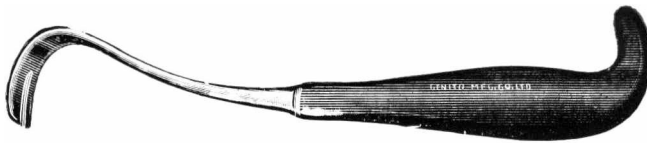
GU1098 Rib Shears, Semb's, curved for anterior ends, stainless steel.



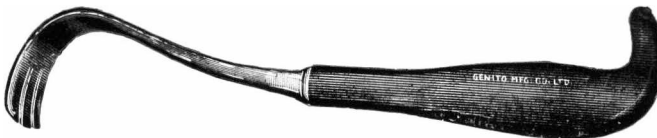
GU1099 Gouging Forceps, Semb's, for transverse process, stainless steel.



GU1100 Rib Holding Forceps, Semb's, stainless steel.



GU1101 Erector Spinae Retractor, Semb's, small, stainless steel, with sand-blasted handle.



GU1102 Erector Spinae Retractor, Semb's, large, stainless steel, with sand-blasted handle.



GU1103 Rib Raspatory, Semb's, for rib edge, short shaft, stainless steel, with sand-blasted handle (No. 1).



GU1104 Rib Raspatory, Semb's, for rib edge, long shaft, stainless steel, with sand-blasted handle (No. 2).



GU1105 Rib Raspatory, Semb's, with short shaft, stainless steel, with sand-blasted handle (No. 3).



GU1106 Rib Raspatory, Semb's, with long shaft, stainless steel with sand-blasted handle (No. 4).



GU1107 Rib Raspatory, Semb's, oval, stainless steel, with sand-blasted handle (No. 5).



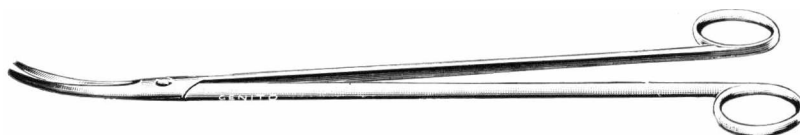
GU1108 Rib Raspatory, Semb's, for back of first rib, stainless steel, with sand-blasted handle (No. 6).



GU1109 Rib Raspatory, Semb's, for edge of first rib, stainless steel, with sand-blasted handle (No. 7).



GU1110 Rib Chisel, Semb's, for disarticulation of the costo-vertebral joint, stainless steel, with sand-blasted handle (No. 8).



GU1111 Scissors, Crafoord's, 12" long, curved, stainless steel.



GU1112 Lobectomy Scissors, Price Thomas', 9" long, curved, stainless steel.



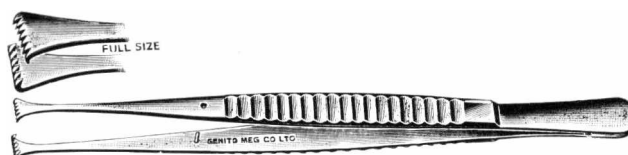
GU1113 Dissecting Scissors, Mayo-Harrington, 9" long, curved, stainless steel.



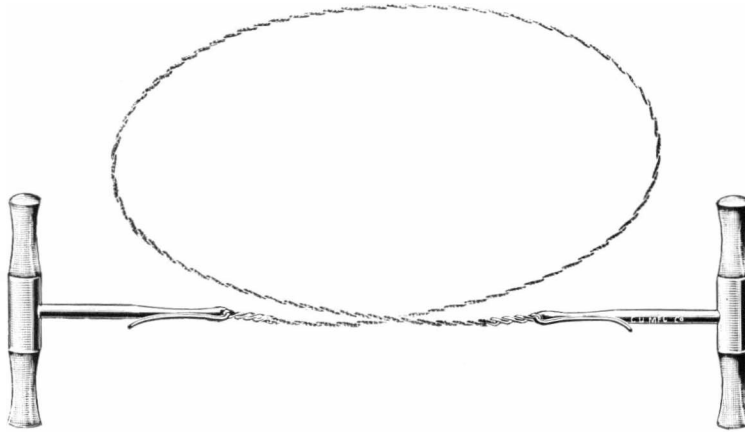
GU1114 Lobectomy Scissors, Nelson's, 9" long, stainless steel, curved.

GU1115 Ditto, straight, 9" long.

GU1116 Ditto, curved 7" long.

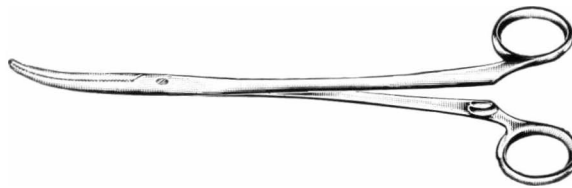


GU1117 Lung Dissecting Forceps, Nelson's, 9" long, stainless steel.

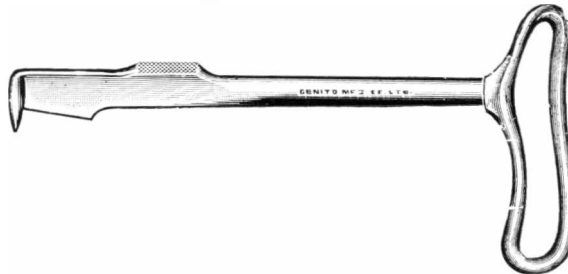


GU1118 Saw, Olivecrona modified Gigli's, for cutting sternum.

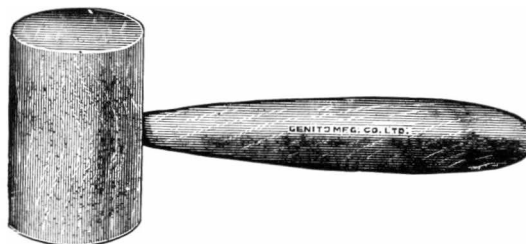
GU1119 Handle for above.



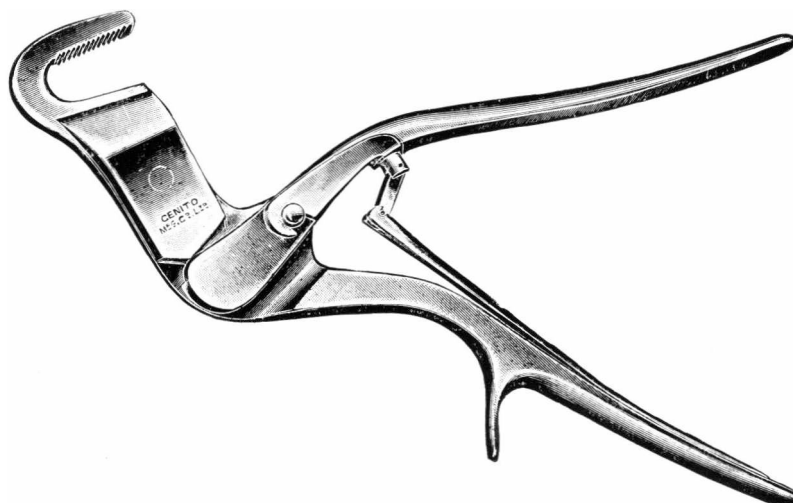
GU1120 Forceps, Belcher's, curved, 12" long, for passing Olivecrona saw behind the sternum, stainless steel.



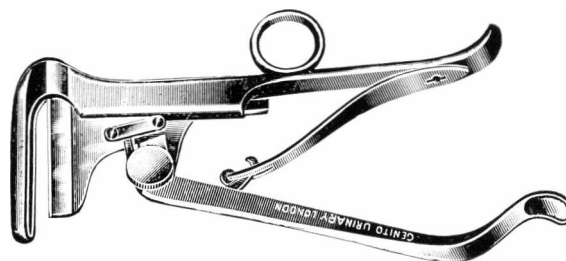
GU1121 Sternum Chisel, Lebsche's, stainless steel, with sand-blasted handle.



GU1122 Mallet, Boxwood, plain, $\frac{1}{2}$ lb.

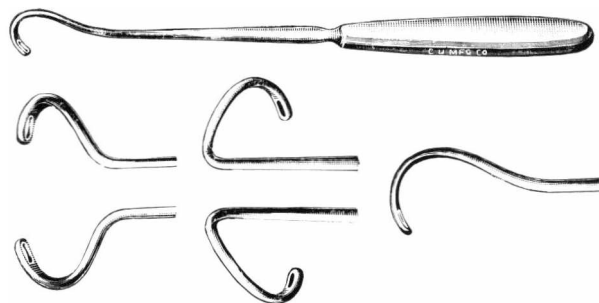


GU1123 Sternum Cutter, Lebsche's, stainless steel, with sand-blasted handles.



GU1124 Sternum Cutter, Schoemaker's, adult size, stainless steel, with sand-blasted handles.

GU1125 Ditto, child size.



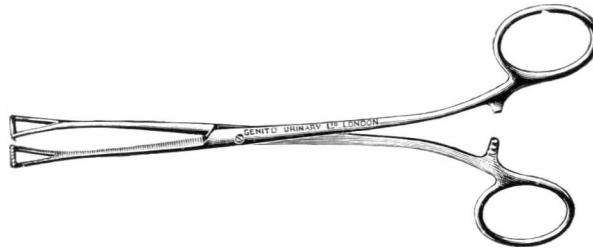
GU1126 Ligature Needles, Sellors', set of five consisting of:—one of each right and left foroblique, right and left retrograde and one straight, stainless steel, with sand-blasted handles.



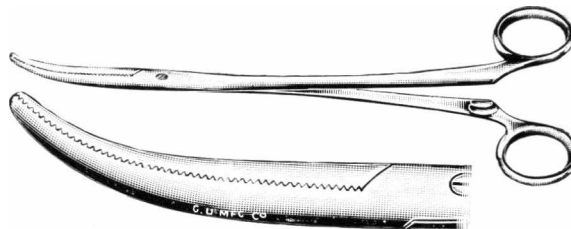
- GU1127** Ligature Needles, Nelson's, set of three consisting of:—one of each right and left, right angled, and one straight, stainless steel, with sand-blasted handles.



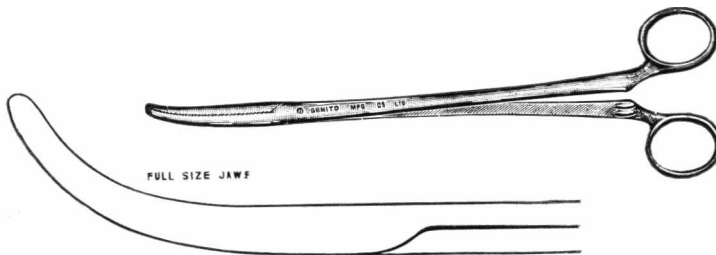
- GU1128** Malleable Lamp, Nelson's, complete with cable and two spare lamps.
GU1129 Extra lamps for above, reference number 6D.



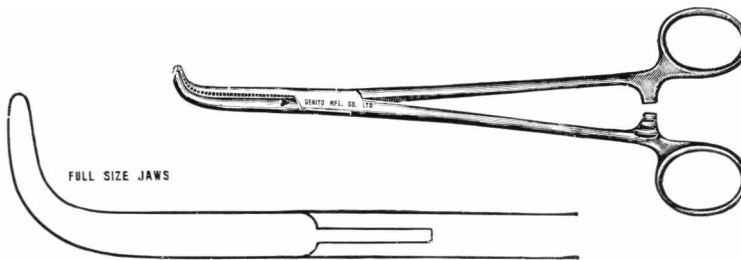
- GU1130** Lung Forceps, Duval's, blades 1" wide, stainless steel.
GU1131 Ditto, blades $\frac{3}{4}$ " wide.
GU1132 Ditto, blades $\frac{1}{2}$ " wide.



- GU1133** Artery Forceps, Roberts', curved, 9" long, stainless steel.



- GU1134** Artery Forceps, Tudor Edwards', curved, 9" long, stainless steel.

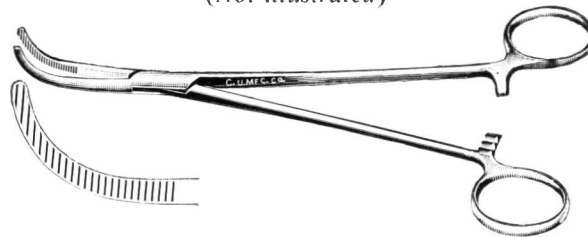


GU1135 Artery Forceps, O'Shaughnessy's, curved, 8" long, stainless steel.

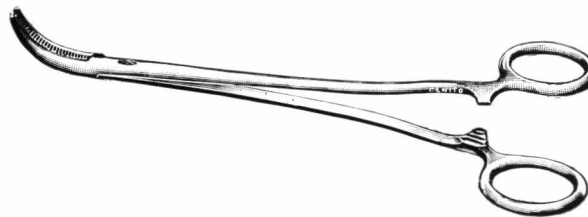
GU1136 Ditto, 9" long.

GU1137 Ditto, 11" long.

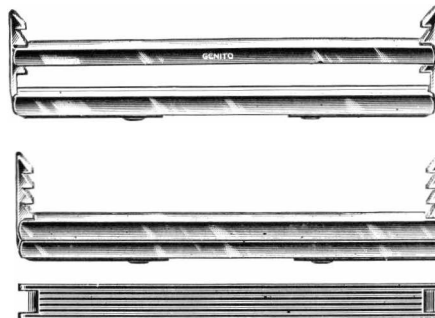
GU1138 Artery Forceps, O'Shaughnessy's, curved, 7½" long, light model.
(Not illustrated)



GU1139 Artery Forceps, Lahey, curved, 8" long, stainless steel.



GU1140 Cholecystectomy Forceps, Moynihan's, 9" long, stainless steel.



GU1141 Oesophageal Occlusion Clamp, Mullard's, for intra-thoracic intestinal anastomosis, stainless steel.



GU1142 Oesophageal Clamp, Barrett's, stainless steel.



GU1143 Pleural Biopsy Punch, Abram's, Martin's syringe fitting.

GU1144 Ditto. Luer Lock fitting.



GU1145 Pleural Biopsy Punch, Moghissi's, Martin's syringe fitting.

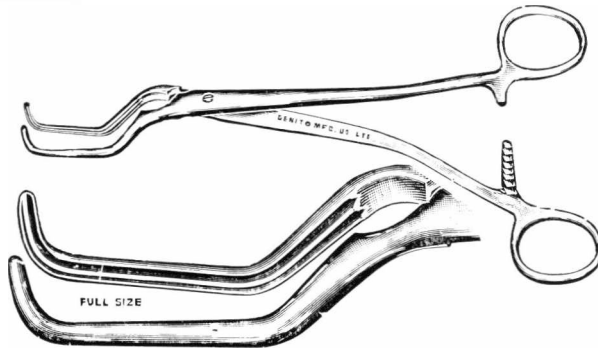
GU1146 Ditto. Luer Lock fitting.



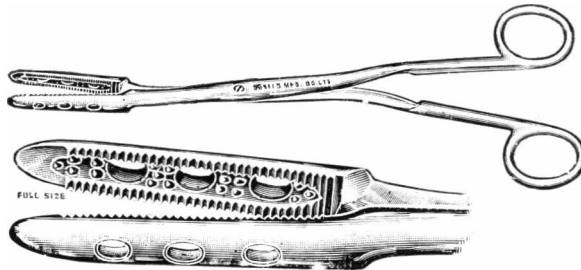
GU1147 Special Probe for rubber tubing, Nystrom's.



GU1148 Special Thumb Forceps, Trendelenburg's, for stretching incision, stainless steel.



GU1149 Pulmonary Artery Clamp, Nystrom's, stainless steel.



GU1150 Special Forceps for removing clots, Trendelenburg's, stainless steel.



GU1151 Set of three Suction Tubes, glass with branch pipe, Trendelenburg's.



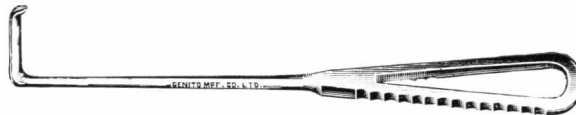
GU1152 Phrenic Retractors, Nelson's, illuminated. The set of two, stainless steel with two spare lamps and boilable cable.

GU1153 Extra Lamp Stems for above, reference number 14C.

GU1154 Phrenic Retractors, Nelson's, without lighting attachment, stainless steel.



GU1155 Phrenic Retractors, Brock's, illuminated, the set of two, stainless steel, with two spare lamps and boilable cable.



GU1156 Phrenic Retractor, Roberts', stainless steel.



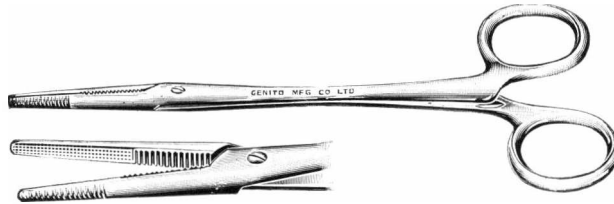
GU1157 Phrenic Retractor, Tudor Edwards', stainless steel.



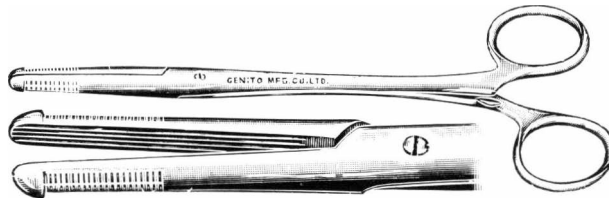
GU1158 Phrenic Nerve Hook, Nelson's, stainless steel.



GU1159 Phrenic Nerve Hook, Roberts', stainless steel.



GU1160 Phrenic Evulsion Forceps, Roberts', stainless steel. (The backs of the jaws are serrated to prevent the nerve from slipping off.)



GU1161 Phrenic Evulsion Forceps, Price Thomas', stainless steel. (The backs of the jaws are serrated to prevent the nerve from slipping off).



GU1162 Illuminated Pleural Stripper, Tudor Edwards', with cable, two lamp stems and four lamps.

GU1163 Extra Lamps for above, reference number 2C.



GU1164 Forceps, Overholt's for blunt dissection in extra pleural pneumothorax operation, stainless steel.



GU1165 Illuminated Pleural Retractor, Overholt's, with cable and two spare lamps, right.

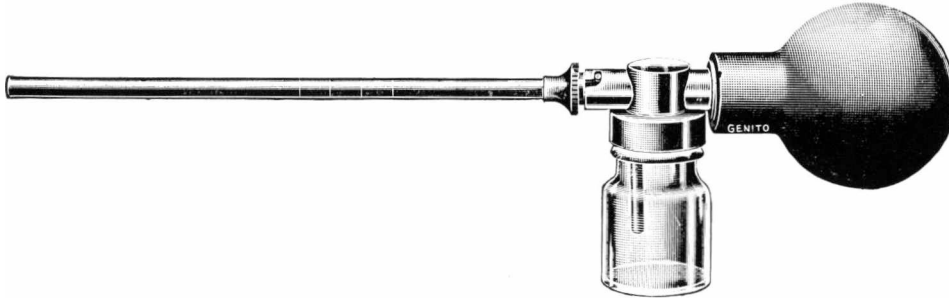
GU1166 Ditto, left.

GU1167 Extra Lamps for above, reference number 3D.

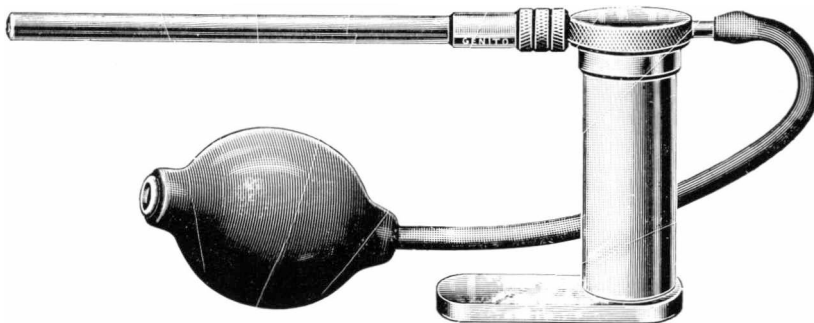


GU1168 Extra Pleural Pneumothorax Needle, Houghton's, stainless steel, 1.5 m.m. dia. \times 6.5 cm.

GU1169 Ditto, 2 m.m. dia. \times 6.5 cm.

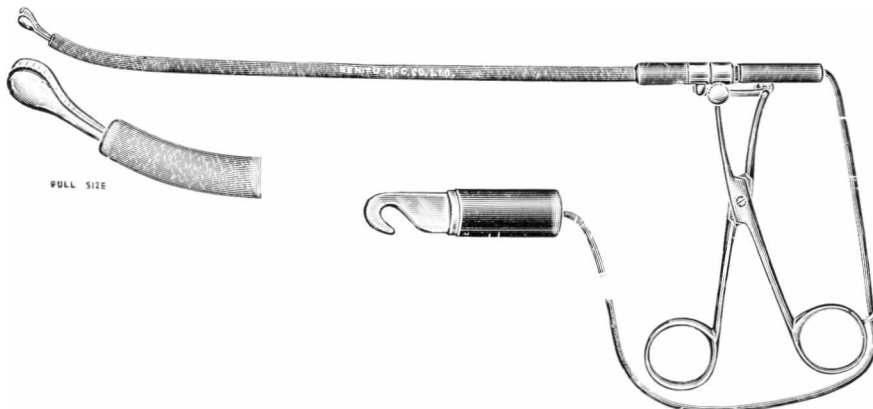


GU1170 Powder Insufflator, Tudor Edwards'.

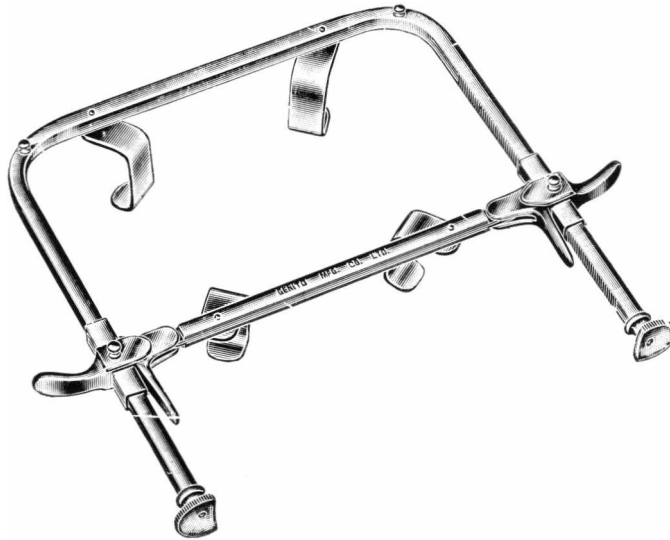


GU1171 Powder Insufflator, R.A.F. pattern, with bellows.

GU1172 Spare Bellows for above.



GU1173 Haemostatic Diathermy Forceps, Brock's, with cable.



GU1174 Self Retaining Retractor, Brock's, stainless steel.



GU1175 Illuminated Pleural Stripper, Brock's, with two lamp stems, four lamps and battery in handle.

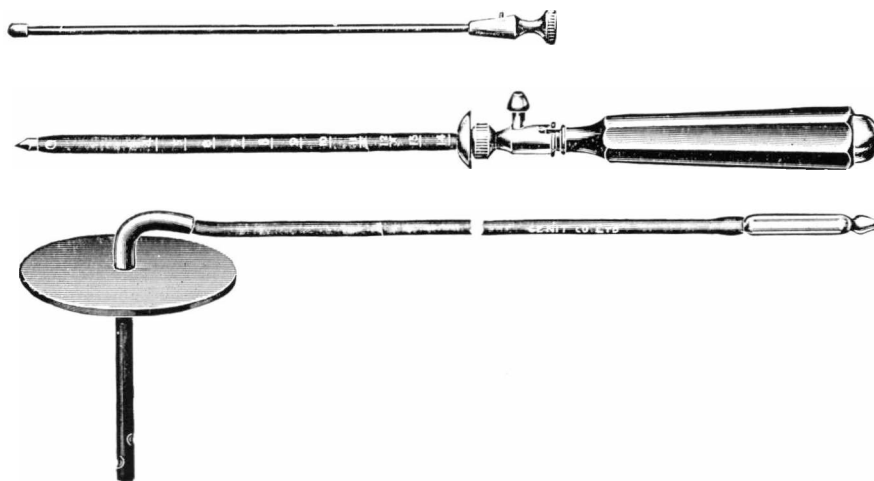
GU1176 Extra Lamps for above, reference number 2C.

GU1177 Extra Batteries for above (E.R. 1915).



GU1178 Double ended Extra Pleural Dissector, Roberts', stainless steel with sand-blasted handle.

CARDIAC CATHETERS
are fully illustrated and described in
our catalogue, Part 4.



- GU1179** Bottari-Babolini Trocar and Cannula as modified by R. J. C. Maxwell, with olive ended stilette for drainage of lung cavities.
- GU1180** Drainage Tubes, 20" long, open ended, barium tubing, opaque to X-rays.
- GU1181** Drainage Tubes, 20" long, closed end and lateral eye, barium tubing, opaque to X-rays.
- GU1182** Glass connections.
- GU1183** Soft Rubber Shields to hold catheters.



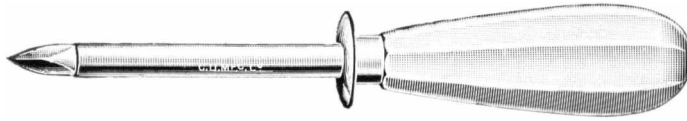
- GU1184** Exploring Needle, R. J. C. Maxwell's.



- GU1185** Cavernoscope, right angle, with two lamps and cable, in case.
- GU1186** Cavernoscope, foroblique, with two spare lamps and cable, in case.
- GU1187** Cavernoscope Set, consisting of:—Right Angle and Foroblique Telescopes with switch and cords, and 4 spare lamps. Complete in polished mahogany case.
- GU1188** Spare Lamps, reference number 3A.



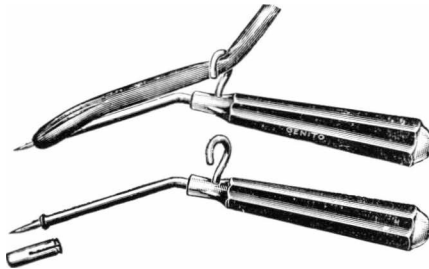
- GU1189** Probe, Price Thomas', copper, 11" long, graduated in inches.



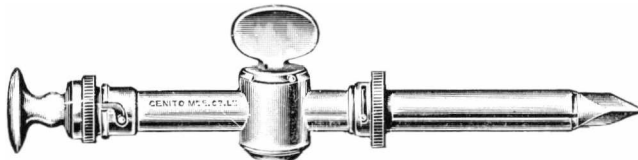
GU1190 Empyema Trocar and Cannula, Nelson's, large, stainless steel, with sand-blasted handle.

GU1191 Ditto, medium.

GU1192 Ditto, small.



GU1193 Trocar, Hamilton Bailey's, for establishing intercostal drainage, stainless steel, with sand-blasted handle.



GU1194 Trocar and Cannula with stopcock and stuffing box for closed drainage of the chest, Morrison's.



GU1195 Self retaining catheters, Malecot, moulded india rubber, best quality, straight, even sizes 20 to 30 French gauge, for intercostal drainage.



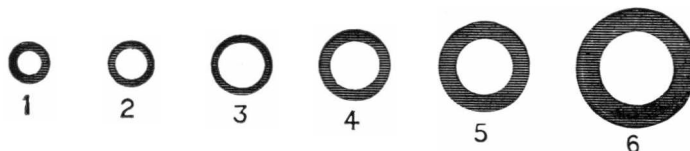
GU1196 Catheter Introducer for above, stainless steel.



GU1197 Graduated Empyema Tube, Stuart's, moulded india rubber, sizes 26, 28, 30 and 32 French gauge.

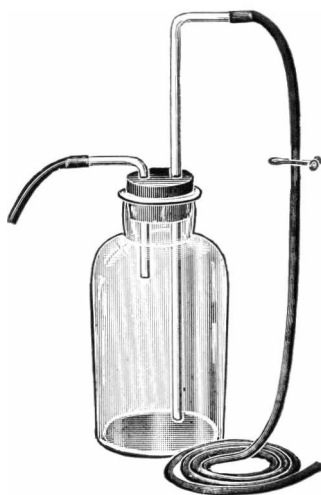


GU1198 Empyema Drainage Tube, Tudor Edwards', with adjustable flange, sizes 42, 45, 48 and 51 French gauge.



GU1199 Barium Tubing, Opaque to X-rays, six sizes.

No. 1 No. 2 No. 3 No. 4 No. 5 No. 6



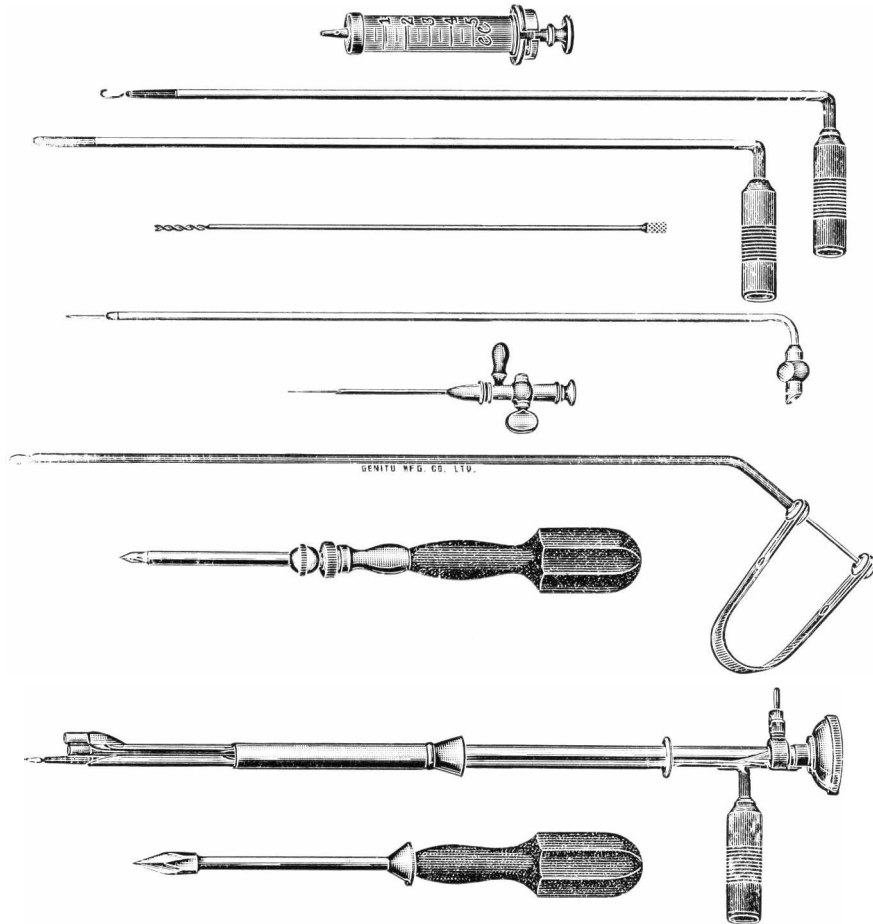
GU1200 Under Water Seal Drainage Bottle, Tudor Edwards', with rubber bung, glass pieces and rubber tubing with clip.

GU1201 Spare Drainage Bottle.

GU1202 I.R. Bung.

GU1203 Long glass angle.

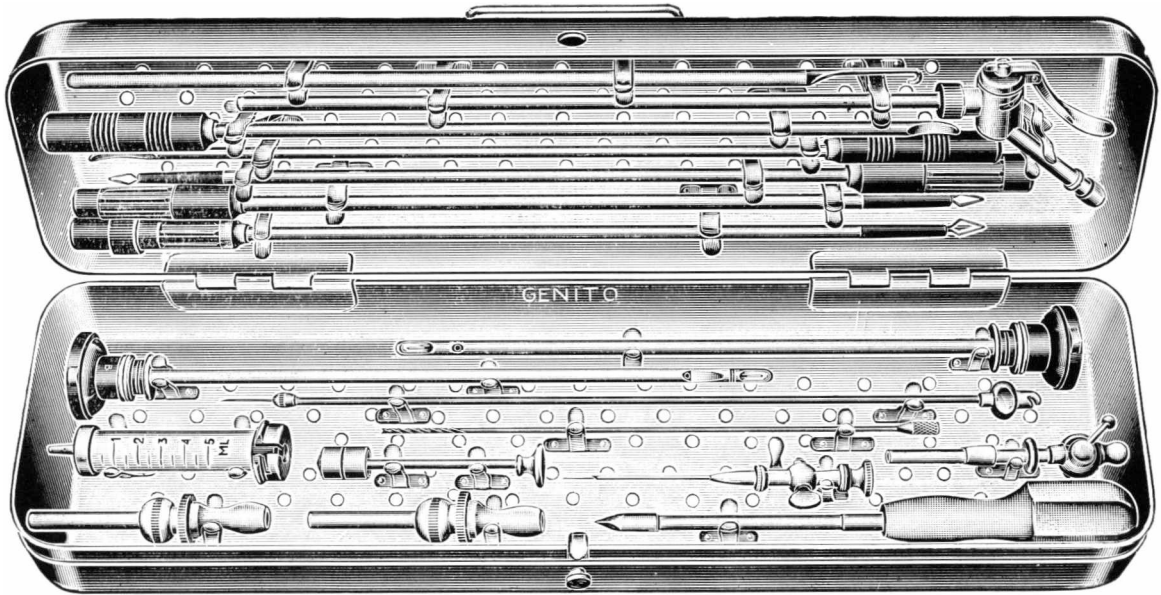
GU1204 Short glass angle.



GU1205 Direct Vision Thoracoscope, Single Puncture, Sellors', consisting of:—

Direct Vision Telescope with slotted eyeshield.	Saugmann's Needle with long stilette.
Lamp carrier and slide for telescope and instruments with two spare lamps.	Switch and Cords.
Trocar and Cannula, oval.	5 c.c. Syringe, pin fitting.
Endo-Galvano Cautery, straight.	Diathermy Forceps.
Endo-Galvano Cautery, hooked.	Wool Carrier.
Diathermy Electrode.	Suction Tube.
Two Cables for above.	Blunt Dissector.
Local Anaesthetic Needle 11½" long with three spare needles.	Small Trocar and Cannula, round, for use with direct vision telescope and cauteries.
The above thoracoscope complete in perforated metal sterilizing box.	

GU1206 Extra Lamps for above, reference number 2D.



GU1207 Double Puncture Thoracoscope, as used at Brompton Hospital, consisting of:—

Foroblique Telescope with two spare lamps and cable (Roberts-Sarot high magnification type).

Right Angle Telescope with two spare lamps and cable (Roberts-Sarot high magnification type).

Trocar and Cannula.

Extra Cannula.

Two Endo-Galvano Cauteries.

Articulated Cautery.

Two Cables for above.

Chandler's Needle, 10" long for anaesthesia of the pleura, with three spare needles.

5 c.c. Syringe for above with pin fitting.

Cleaning Rod.

Saugmann's Needle with long stilette.

Faucet.

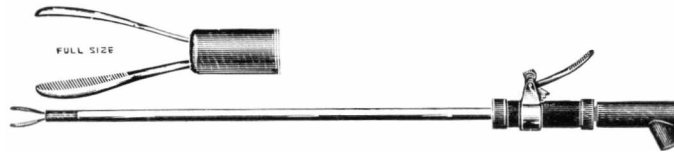
Robert's Hook.

Two blunt dissectors.

Suction Tube.

The above Thoracoscope complete in perforated metal sterilising box.

GU1208 Extra Lamps for above, reference number 19A.



GU1209 Insulated Diathermy Forceps, Heaf's, for use with Brompton Hospital Thoracoscope.

GU1210 Cable for above.



GU1211 Articulated Endo-Galvano Cautery, Price Thomas'.

GU1212 Articulated Endo-Galvano Cautery Hook, Maxwell's, left.

GU1213 Ditto, right.

GU1214 Cable for above.



Endo-Galvano Cautery Hook



A



C

Full Size



B



D

GU1215 Curved on flat (A).

GU1216 Curved on edge (B).

GU1217 Angled on edge, large (C).

GU1218 Angled on edge, small (D).

GU1219 Cable for above.



GU1220 Endo-Galvano Cautery, straight.

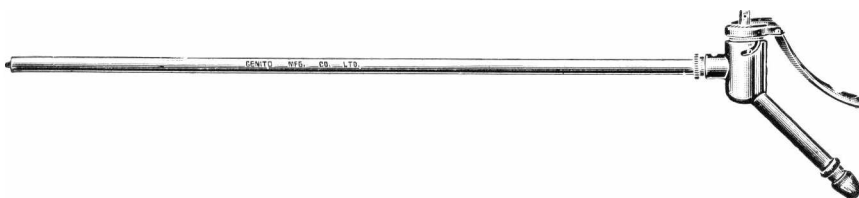


GU1221 Blunt Dissector, Roberts', for dissection of the parietal pleura.



GU1222 Coagulation Electrode (Haemostat) Chandler's.

GU1223 Cable for above (standard thoracoscope cautery cable).



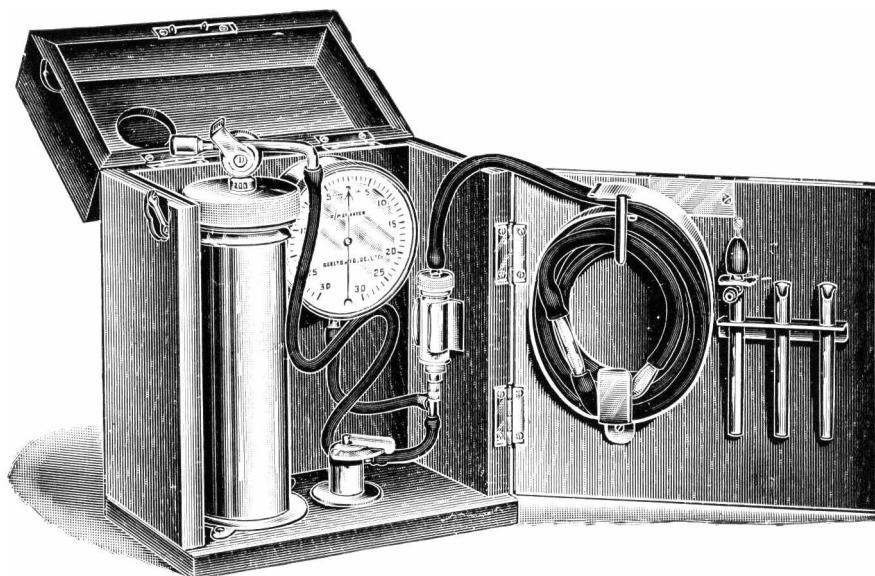
GU1224 Suction Tube, Roberts', for use through thoracoscope cannula.



GU1225 Articulated Probe, Maurer's, for use through thoracoscope cannula.

Thoracoscopy instruments on pages 240, 241 have shafts 6 m.m. in diameter and can only be used with the Brompton Hospital model Double Puncture Thoracoscope.

DIATHERMY & CAUTERY APPARATI
are fully described and illustrated in our
Catalogue, Part 4.



GU1226 Miniature Artificial Pneumothorax Apparatus, Maxwell's, in polished mahogany case, size 7" × 4" × 8", weight 6 lbs. (exclusive of needles).

Spare parts for above.

GU1227 Aneroid gauge.

GU1228 Filter.

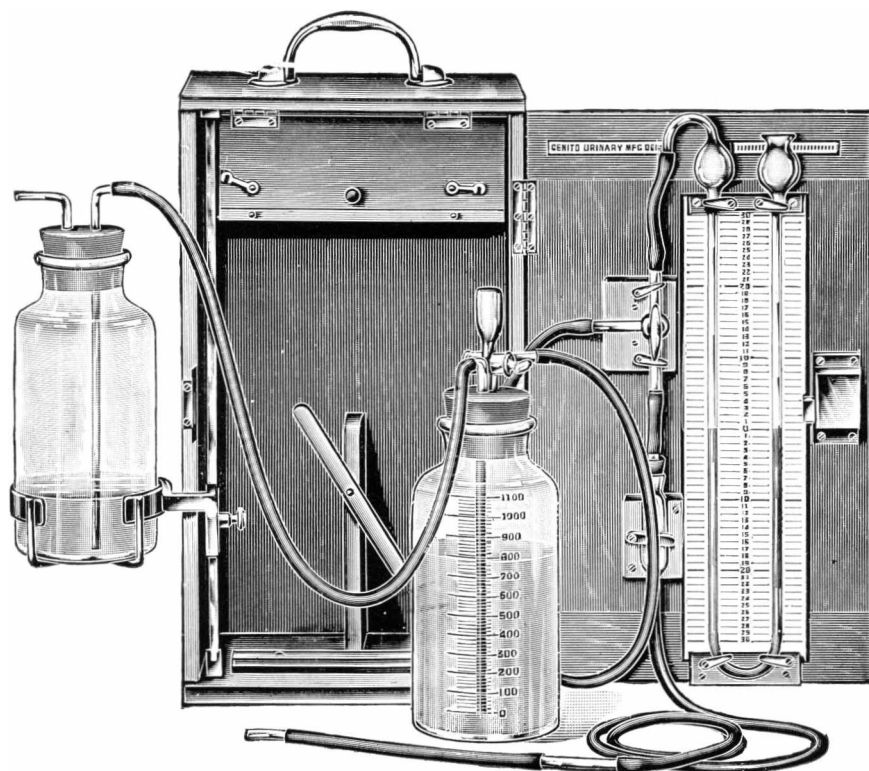
GU1229 Filter washers.

GU1230 Two-way connection.

GU1231 Two-way Tap.

GU1232 I.R. Tubing.

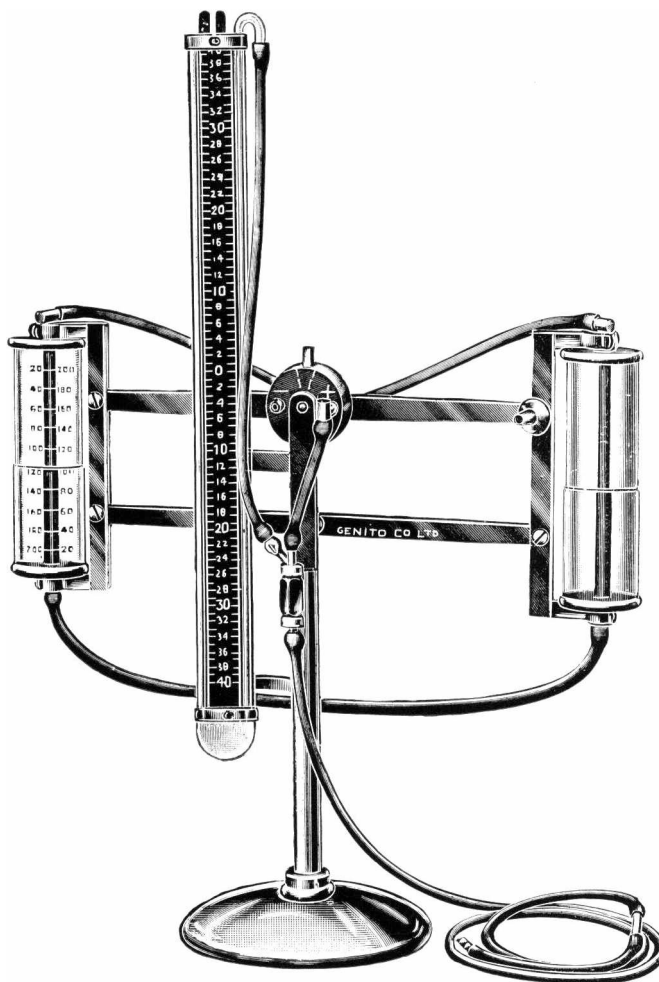
GU1233 Glass Spigots.



GU1234 Artificial Pneumothorax Apparatus, Chandler's, with rack for raising bottle, complete in polished mahogany case. $17" \times 9\frac{1}{2}" \times 6"$ (exclusive of needles).

Spare parts for above.

- GU1235** Graduated bottle 1100 c.c.
- GU1236** I.R. Bung with three holes.
- GU1237** Stopcock and Filter.
- GU1238** Long glass angle.
- GU1239** Short glass angle.
- GU1240** Plain bottle.
- GU1241** I.R. Bung with two holes.
- GU1242** Three-way stopcock.
- GU1243** Manometer, two piece with I.R. connection.
- GU1244** Glass Spigots.
- GU1245** I.R. Tubing.



GU1246 Artificial Pneumothorax Apparatus, Stott's (exclusive of needles).

Spare parts for above.

GU1247 Cylinder, graduated, 200 c.c.

GU1248 Cylinder, plain.

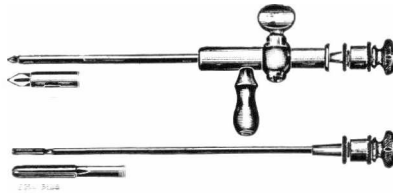
GU1249 Manometer.

GU1250 Filter Glass.

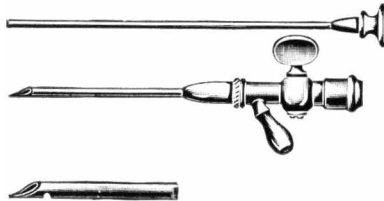
GU1251 Set of washers.

GU1252 Plastic tubing.

GU1253 Glass Spigots.



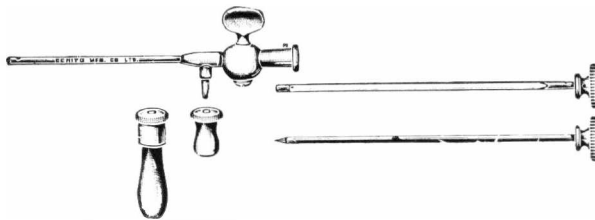
GU1254 Pneumothorax Induction Trocar, Maxwell's, with stilette, stopcock and stuffing box.



GU1255 Pneumothorax Needle, Saugmann's, with stilette and stopcock.

GU1256 Pneumothorax Needle, Saugmann's, with lateral eye, stilette and stopcock.

GU1257 Pneumothorax Needle, Saugmann's, $2\frac{1}{2}$ " long, with stilette and stopcock.



GU1258 Pneumothorax Induction Trocar, Küss', with stilette and stopcock.

GU1259 Pneumothorax Induction Trocar, Küss', with stilette, stopcock and stuffing box.

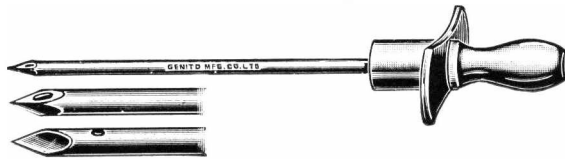


GU1260 Pneumothorax Refill Needle, Küss'.



GU1261 Pneumothorax Refill Needle, Brompton Hospital pattern, 2" long.

GU1262 Ditto, 3" long.



GU1263 Pneumothorax Induction Trocar, Chandler's, with stilette.

GU1264 Pneumothorax Refill Trocar, Chandler's, with stilette.



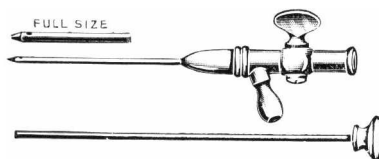
GU1265 Pneumothorax Refill Trocar, Morland's, outside diameter 1 m.m. $\times 1\frac{5}{8}$ " with stilette.

GU1266 Ditto, outside diameter 0.9 m.m. $\times 1\frac{5}{8}$ "

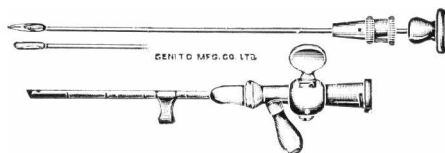
GU1267 Ditto, 1 m.m. $\times 2$ ".

GU1268 Ditto, 1 m.m. $\times 2\frac{1}{2}$ ".

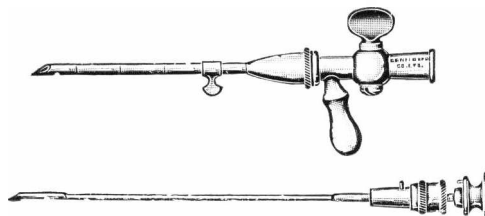
GU1269 Ditto, 1 m.m. $\times 3\frac{1}{2}$ ".



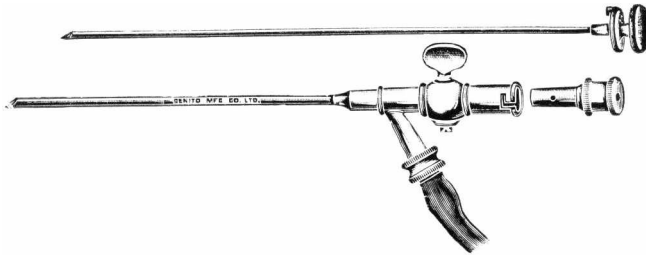
GU1270 Pneumothorax Refill Trocar, Chandler's, with stilette and stopcock.



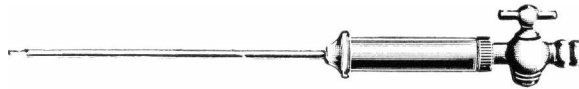
GU1271 Pneumothorax Induction Trocar, Riviere's, with stilette, stopcock and depth gauge.



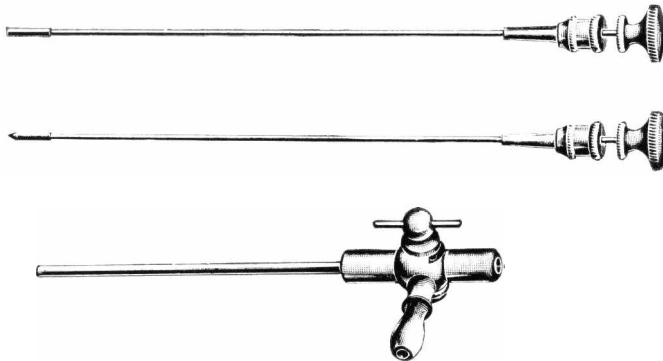
GU1272 Pneumothorax Needle, Heaf's, with stilette, stopcock and depth gauge.



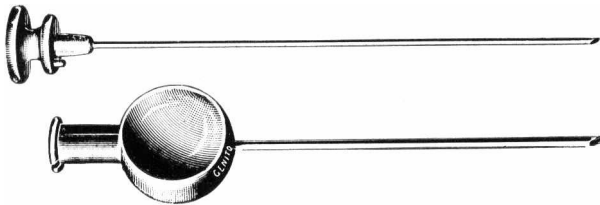
GU1273 Pneumothorax Needle, Morrision Davies', with stylette and stopcock.



GU1274 Pneumoperitoneum Needle, Smart's.



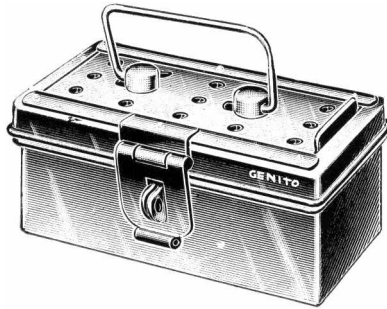
GU1275 Penicillin Trocar, Leigh Collis'.



GU1276 Pneumothorax Needle, Brompton Hospital pattern, with ground stylette, 1½".

GU1277 Ditto, 2" long.

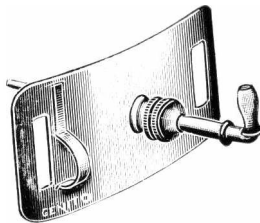
GU1278 Ditto, 2¼" long.



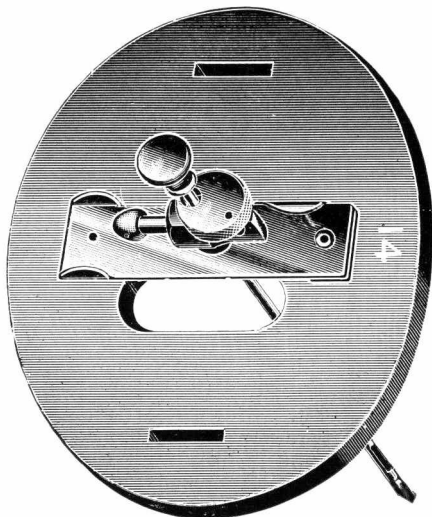
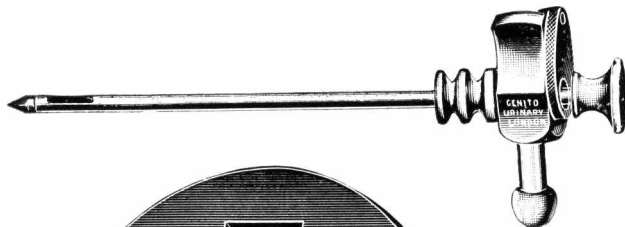
GU1279 Needle Sterilizing Box, Peppard Chest Hospital pattern, 6"×3"×2½".

GU1280 Needle Sterilizing Box, London Chest Hospital pattern, racked for 12 Morland Needles. (*Not illustrated*).

GU1281 Ditto, racked for 24 Morland Needles.

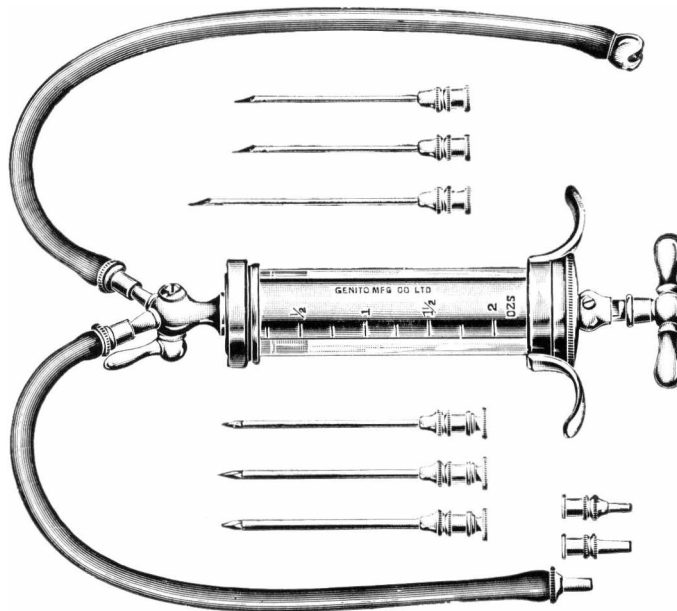


GU1282 Tension Pneumothorax Needle, Foster Carter's, with shield.

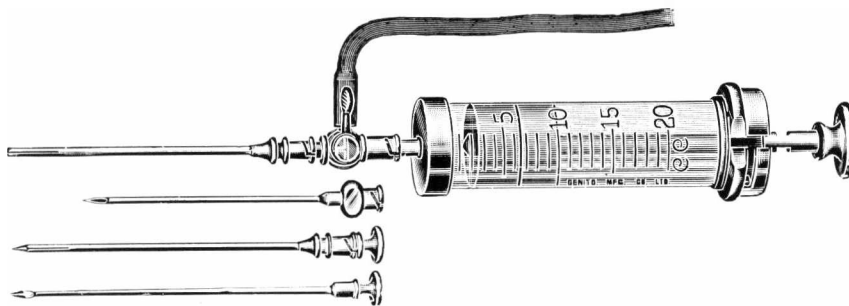


GU1283 Tension Pneumothorax Needle, Morland's, with soft rubber fixation shield.

GU1284 Tension Pneumothorax Needle, Morland's, with soft rubber fixation shield, child's size.



GU1285 Aspirator, Dieulafoy's, with metal piston and glass barrel graduated in ozs., three trocars and cannulae and three needles. Complete in nickel plated case.



GU1286 Aspirator, Martin's, consisting of:—20 c.c. syringe with graduated glass barrel and metal piston, three way stopcock (marked to show direction of flow), one exploring needle, size 16 s.w.g. stainless steel, two trocars and cannulae sizes 11 and 13 s.w.g. stainless steel and india rubber tubing. Complete in nickel plated case.

GU1287 20 c.c. Syringe only, Martin's, with pin fitting.

GU1288 Two-way Stopcock, Martin's.

GU1289 Exploring Needle, Martin's. 14 s.w.g. 2½".

GU1290 Ditto, 16 s.w.g. 2½".

GU1291 Ditto, 14 s.w.g. 3½".

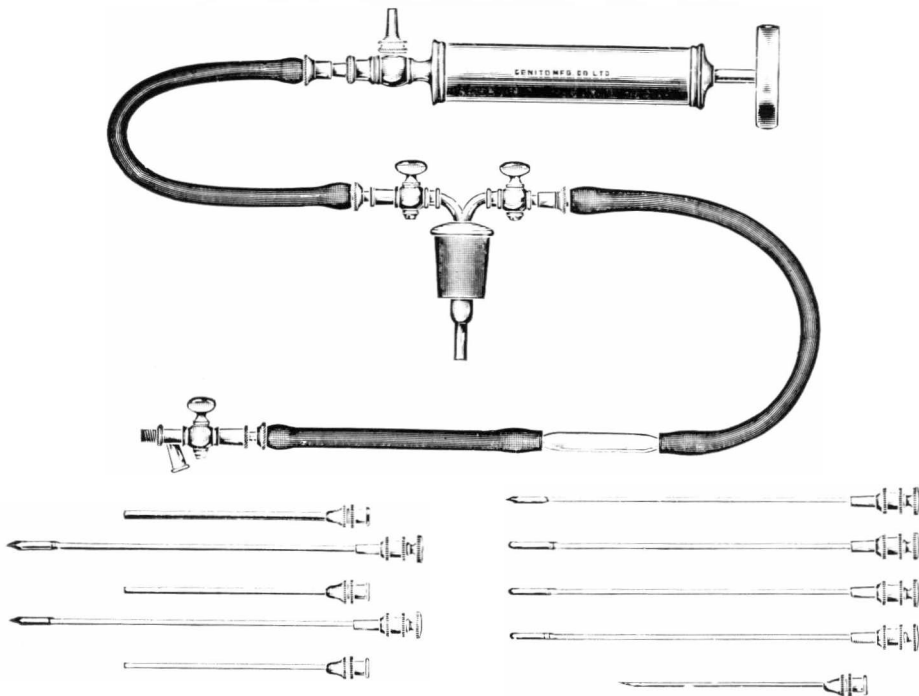
GU1292 Ditto, 16 s.w.g. 3½".

GU1293 Ditto, 14 s.w.g. 4".

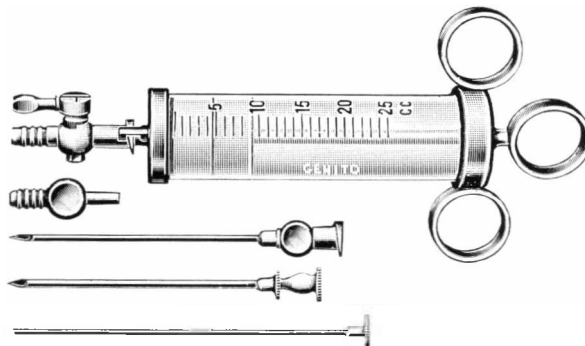
GU1294 Ditto, 16 s.w.g. 4".

GU1295 Trocar and Cannula, Martin's, 11 s.w.g.

GU1296 Trocar and Cannula, Martin's, 13 s.w.g.



GU1297 Aspirator, Potains, consisting of:—nickel plated syringe, three trocars and cannulae with blunt pilots, one needle, two-way stopcock and bottle mount. Complete in nickel plated case.



GU1298 Aspirator, Foster-Carter's, consisting of:—syringe 25 c.c. with cam fitting, double olive stopcock, one each 13 and 14 s.w.g. needles with tubing mount, Record fitting with keyed trocar and blunt stilette, Record adaptor to fit syringe, one each 13 and 15 s.w.g. aspirating needles.

GU1299 25 c.c. Foster Carter's Syringe only.

GU1300 Double Olive stopcock.

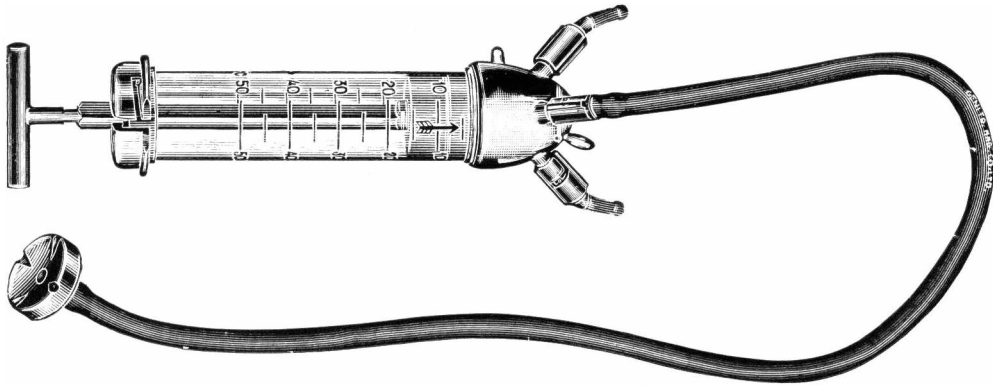
GU1301 Needle with keyed trocar and blunt stilette, 13 s.w.g.

GU1302 Ditto, 14 s.w.g.

GU1303 Blunt stilette.

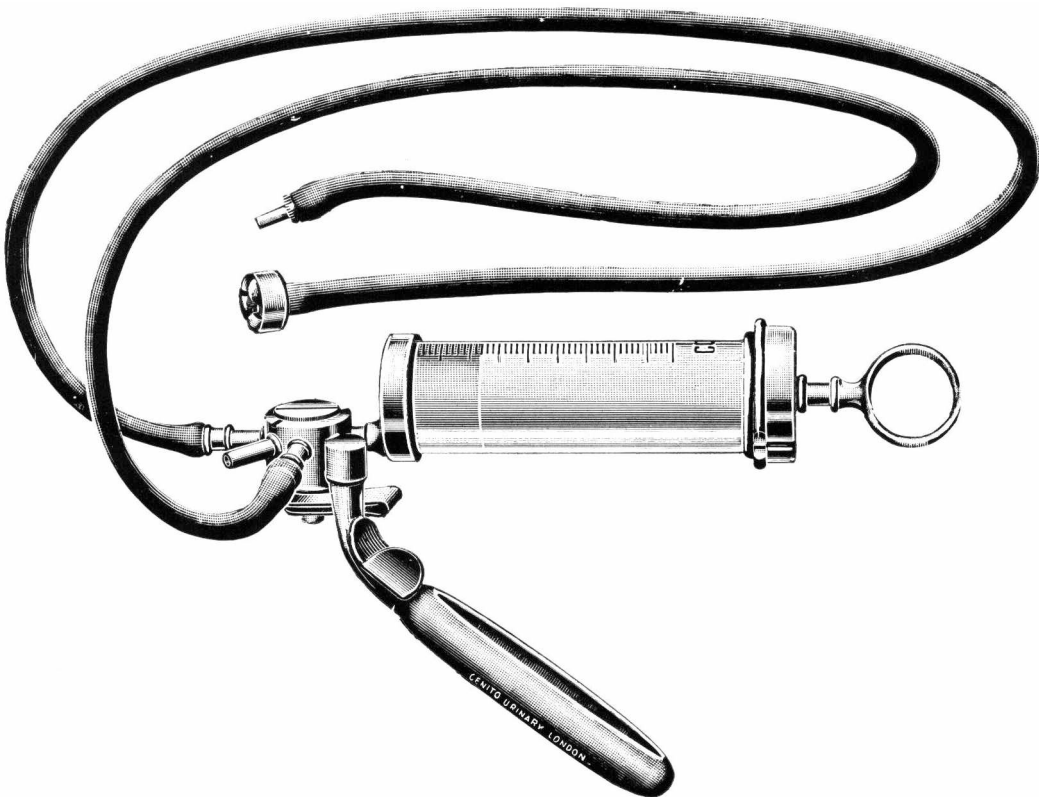
GU1304 Aspirating Needle 13 s.w.g.

GU1305 Ditto, 15 s.w.g.

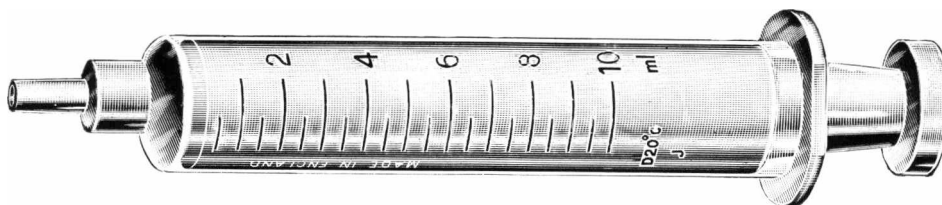


GU1306 Aspirating Syringe, Rotunda, in polished mahogany case, with three lengths of tubing and one sinker. 50 c.c.

GU1307 Ditto, 20 c.c.



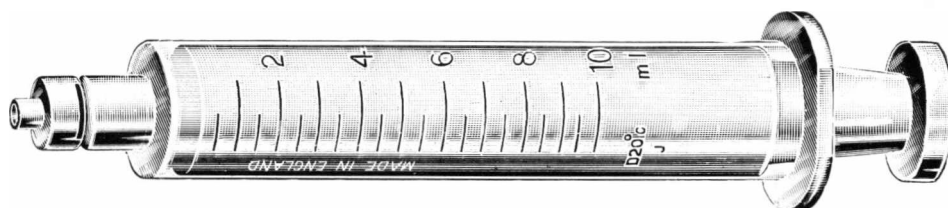
GU1308 Direct flow three way Syringe, 50 c.c. with sinker connections and two lengths of rubber tubing.



- GU1309** Interchangeable Syringe, Chance, all glass with central metal nozzle,
Luer fitting, 1 ml.
GU1310 Ditto, 2 ml.
GU1311 Ditto, 5 ml.
GU1312 Ditto, 10 ml.
GU1313 Ditto, 20 ml.
GU1314 Spare Barrel, with central metal nozzle, Luer fitting, 1 ml.
GU1315 Ditto, 2 ml.
GU1316 Ditto, 5 ml.
GU1317 Ditto, 10 ml.
GU1318 Ditto, 20 ml.
GU1319 Spare Plunger, 1 ml.
GU1320 Ditto, 2 ml.
GU1321 Ditto, 5 ml.
GU1322 Ditto, 10 ml.
GU1323 Ditto, 20 ml.
GU1324 Interchangeable Syringe, Chance, all glass with metal side nozzle,
Luer fitting, 5 ml.
GU1325 Ditto, 10 ml.
GU1326 Ditto, 20 ml.
GU1327 Spare Barrel, with metal side nozzle, Luer fitting, 5 ml.
GU1328 Ditto, 10 ml.
GU1329 Ditto, 20 ml.
GU1330 Spare Plunger, 5 ml.
GU1331 Ditto, 10 ml.
GU1332 Ditto, 20 ml.

CHANCE INTERCHANGEABLE SYRINGES

Every plunger fits any barrel.
Clear glass barrel gives easier reading, longer life.
Plunger or barrels easily replaced at low cost.



- GU1333** Interchangeable Syringe, Chance, all glass with central metal nozzle, Luer lock fitting, 1 ml.
- GU1334** Ditto, 2 ml.
- GU1335** Ditto, 5 ml.
- GU1336** Ditto, 10 ml.
- GU1337** Ditto, 20 ml.
- GU1338** Spare Barrel, with central metal nozzle, Luer lock fitting, 1 ml.
- GU1339** Ditto, 2 ml.
- GU1340** Ditto, 5 ml.
- GU1341** Ditto, 10 ml.
- GU1342** Ditto, 20 ml.
- GU1343** Spare Plunger, 1 ml.
- GU1344** Ditto, 2 ml.
- GU1345** Ditto, 5 ml.
- GU1346** Ditto, 10 ml.
- GU1347** Ditto, 20 ml.
- GU1348** Interchangeable Syringe, Chance, all glass with metal side nozzle, Luer lock fitting, 5 ml.
- GU1349** Ditto, 10 ml.
- GU1350** Ditto, 20 ml.
- GU1351** Spare Barrel, with metal side nozzle, Luer lock fitting 5, ml.
- GU1352** Ditto, 10 ml.
- GU1353** Ditto, 20 ml.
- GU1354** Spare Plunger, 5 ml.
- GU1355** Ditto, 10 ml.
- GU1356** Ditto, 20 ml.



Exploring Needles, stainless steel, Record fitting.

- | | | |
|------------------------------------------------|------------------------------------------------|------------------------------------------------|
| GU1357 $1\frac{1}{2}" \times 19$ s.w.g. | GU1363 $1\frac{1}{2}" \times 17$ s.w.g. | GU1369 $1\frac{1}{2}" \times 16$ s.w.g. |
| GU1358 $2" \times 19$ s.w.g. | GU1364 $2" \times 17$ s.w.g. | GU1370 $2" \times 16$ s.w.g. |
| GU1359 $2\frac{1}{2}" \times 19$ s.w.g. | GU1365 $2\frac{1}{2}" \times 17$ s.w.g. | GU1371 $2\frac{1}{2}" \times 16$ s.w.g. |
| GU1360 $3" \times 19$ s.w.g. | GU1366 $3" \times 17$ s.w.g. | GU1372 $3" \times 16$ s.w.g. |
| GU1361 $4" \times 19$ s.w.g. | GU1367 $4" \times 17$ s.w.g. | GU1373 $4" \times 16$ s.w.g. |
| GU1362 $5" \times 19$ s.w.g. | GU1368 $5" \times 17$ s.w.g. | GU1374 $5" \times 16$ s.w.g. |

Exploring Needles, stainless steel, Luer lock fitting.

- | | | |
|------------------------------------------------|------------------------------------------------|------------------------------------------------|
| GU1375 $1\frac{1}{2}" \times 19$ s.w.g. | GU1381 $1\frac{1}{2}" \times 17$ s.w.g. | GU1387 $1\frac{1}{2}" \times 16$ s.w.g. |
| GU1376 $2" \times 19$ s.w.g. | GU1382 $2" \times 17$ s.w.g. | GU1388 $2" \times 16$ s.w.g. |
| GU1377 $2\frac{1}{2}" \times 19$ s.w.g. | GU1383 $2\frac{1}{2}" \times 17$ s.w.g. | GU1389 $2\frac{1}{2}" \times 16$ s.w.g. |
| GU1378 $3" \times 19$ s.w.g. | GU1384 $3" \times 17$ s.w.g. | GU1390 $3" \times 16$ s.w.g. |
| GU1379 $4" \times 19$ s.w.g. | GU1385 $4" \times 17$ s.w.g. | GU1391 $4" \times 16$ s.w.g. |
| GU1380 $5" \times 19$ s.w.g. | GU1386 $5" \times 17$ s.w.g. | GU1392 $5" \times 16$ s.w.g. |

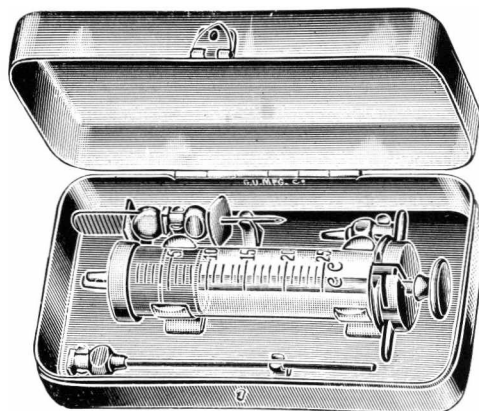


GU1393 Fluid Needle, Morland's, stainless steel, $1\frac{1}{2}'' \times 2$ m.m.

GU1394 Ditto, $2\frac{5}{8}'' \times 2$ m.m.



GU1395 Lipiodol Trocar and Cannula, Field's.



GU1396 Lipiodol Syringe, Chandler's, consisting of:—25 c.c. syringe graduated, with finger bars, one Chandler lipiodol trocar and cannula, one Record adaptor, one stainless steel pipe for filling. Complete in nickel plated case.

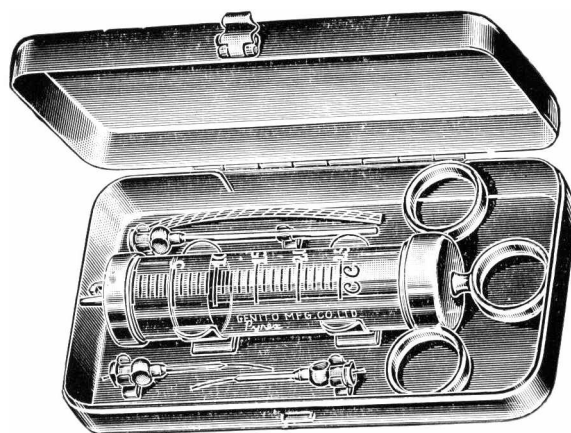
GU1397 25 c.c. Lipiodol Syringe only, Chandler's.



GU1398 Cone Nozzle, Tubb's, Record fitting.

GU1399 Ditto, Labat's fitting.

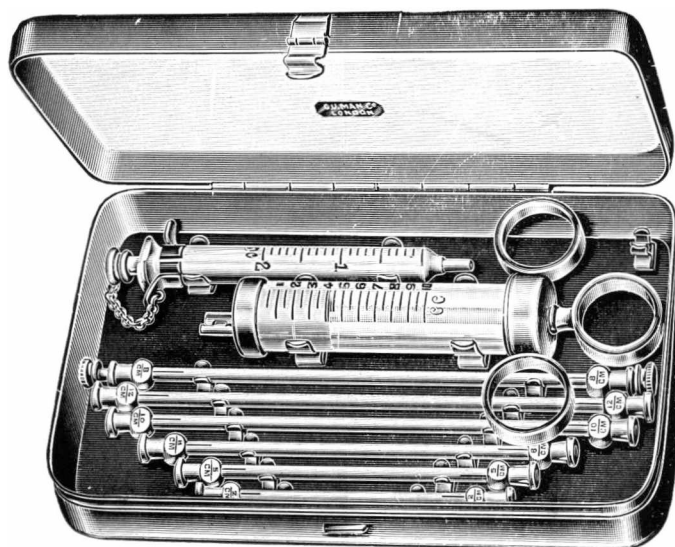
GU1400 Ditto, Luer lock fitting.



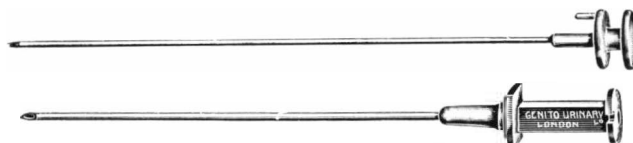
- GU1401** Lipiodol Syringe, Roberts', consisting of:—one stainless steel pipe for filling, two stainless steel needles and 25 c.c. Record syringe with three finger rings and peripheral nozzle with bayonet catch. Complete in nickel plated case.
- GU1402** 25 c.c. Lipiodol Syringe only, Roberts'.
- GU1403** Lipiodol Needle, Roberts', straight.
- GU1404** Lipiodol Needle, Roberts', curved.



- GU1405** Lipiodol Set, G.U. model, consisting of:—25 c.c. syringe with three finger rings, one malleable lipiodol pipe, one Chandler's lipiodol trocar and cannula, one Record adaptor, one cone nozzle for attaching catheters to syringe and one gum elastic catheter. Complete in nickel plated case.
- GU1406** 25 c.c. Lipiodol Syringe only, G.U. model.



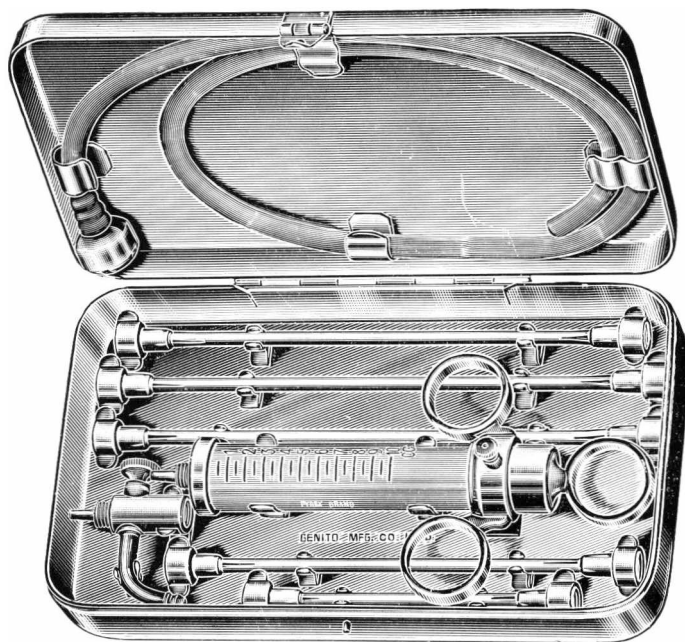
- GU1407** Anaesthetic Syringe, Labat's, consisting of:—ten stainless steel needles with bayonet mounts, two nickel spinal needles, 10 c.c. Record syringe with three finger rings and peripheral nozzle with bayonet catch, and 2 c.c. all glass hypodermic syringe. Complete in nickel plated case.
- GU1408** Anaesthetic Syringe, Labat's, minor set consisting of:—eight stainless steel needles with bayonet mounts, 10 c.c. Record syringe with three finger rings and peripheral nozzle with bayonet catch. in nickel plated case.
- GU1409** 10 c.c. Syringe only, Labat's.
- GU1410** 20 c.c. Syringe only, Labat's.
- GU1411** 5 c.c. Syringe only, Labat's.
- GU1412** Stainless steel Needle, Labat's, length 2 cm.
- GU1413** Ditto, 3 cm.
- GU1414** Ditto, 5 cm.
- GU1415** Ditto, 7 cm.
- GU1416** Ditto, 8 cm.
- GU1417** Ditto, 9 cm.
- GU1418** Ditto, 10 cm.
- GU1419** Ditto, 12 cm.



- GU1420** Spinal Needle, Barker's, with stilette, Luer fitting, stainless steel.
- GU1421** Ditto, Record fitting.



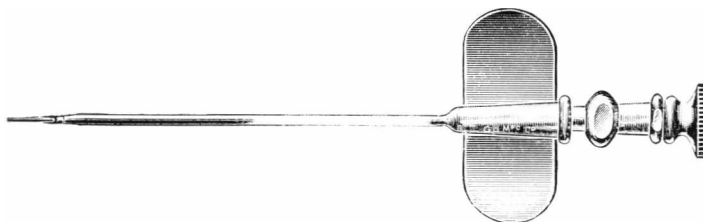
- GU1422** Spinal Needle, Howard Jones', stainless steel, $3\frac{1}{2}'' \times 20$ s.w.g.
- GU1423** Spinal Needle, Pitkins', stainless steel, $3\frac{1}{2}'' \times 20$ s.w.g.



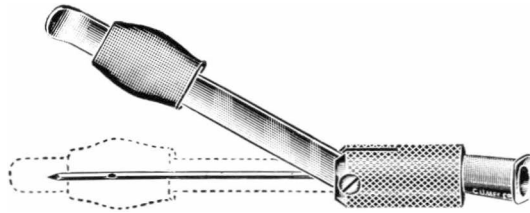
- GU1424** Anaesthetic Syringe, Dunn's, consisting of:—ten stainless steel needles, 10 c.c. syringe with glass piston and three finger rings, one Dunn's automatic filling valve, tubing and sinker. Complete in nickel plated case.
- GU1425** 10 c.c. Syringe only, Dunn's.



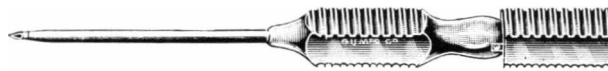
- GU1426** Intravenous Cannula, Hamilton Bailey's, Luer fitting, large size 14 s.w.g. $1\frac{1}{4}$ " long.
- GU1427** Ditto, medium 17 s.w.g. 1" long.
- GU1428** Ditto, small 19 s.w.g. $\frac{7}{8}$ " long.
- GU1429** Ditto, extra small 20 s.w.g. $\frac{3}{4}$ " long.



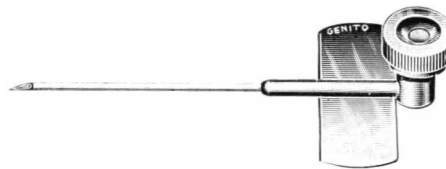
- GU1430** Intravenous Cannula, Guest's, consisting of:—Cannula 18 s.w.g. 2" long with winged mount, inner needle and stilette, Luer fitting, stainless steel.
- GU1431** Ditto, 17 s.w.g. 1" long.
- GU1432** Ditto, 19 s.w.g. 1" long.



GU1433 Intravenous Needle, Mitchell's, 20 s.w.g. $1\frac{1}{2}$ " long, Luer fitting, stainless steel.



GU1434 Intravenous Needle, Frankis Evans', consisting of:—Cannula 16 s.w.g. $1\frac{1}{4}$ " long with inner needle, Luer fitting, stainless steel.



GU1435 Intravenous Needle, Gordh's, 19 s.w.g. $1\frac{1}{2}$ " long, stainless steel.

GU1436 Spare Washers for above.



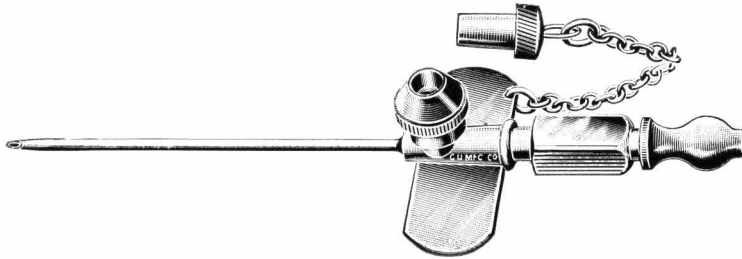
GU1437 Intravenous Needle, Bateman's, consisting of outer needle 18 s.w.g. 1" long with stilette and inner needle with stilette, Luer fitting, stainless steel.



GU1438 Intravenous Needle, West Middlesex pattern, consisting of:—Cannula 18 s.w.g. $1\frac{1}{8}$ " long and inner trocar, Luer fitting, stainless steel.

GU1439 Ditto, 19 s.w.g. $1\frac{1}{8}$ " long.

GU1440 Ditto, 16 s.w.g. $1\frac{3}{4}$ " long.



GU1441 Intravenous Needle, Sellick's, consisting of:—Cannula 16 s.w.g. 2" long, with inner needle and plug mount.



GU1442 Intravenous Cannula, "Portex" Nylon, sterilized by Gamma radiation, size 2 French gauge 0.63 m.m. O.D. mount coloured green for size identification.

GU1443 Ditto, size 3 French gauge approx. 0.75 m.m. O.D. "Blue".

GU1444 Ditto, size 3 French gauge 1.02 m.m. O.D. "Pink".

GU1445 Ditto, size 4 French gauge 1.34 m.m. O.D. "White".

GU1446 Ditto, size 5 French gauge 1.65 m.m. O.D. "Red".

GU1447 Ditto, size 6 French gauge 2.1 m.m. O.D. "Yellow".

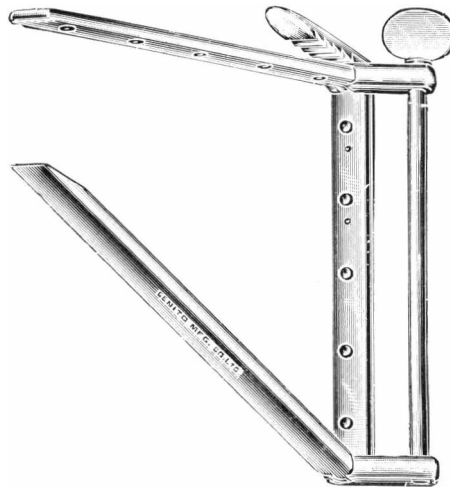
GU1448 Ditto, size 8 French gauge 2.76 m.m. O.D. "Orange".

**A selection of
ARTERIAL NEEDLES
is described and illustrated in Part 4
of our Catalogue.**



- GU1449** Chest Support, Sellors', for Thoracic Operations.
- GU1450** Base Cushion only.
- GU1451** Lateral Cushion only.
- GU1452** Chest Support, Sellors', child size, for Thoracic operations.
- GU1453** Base Cushion only.
- GU1454** Lateral Cushion only.

All cushions made of anti-static rubber.

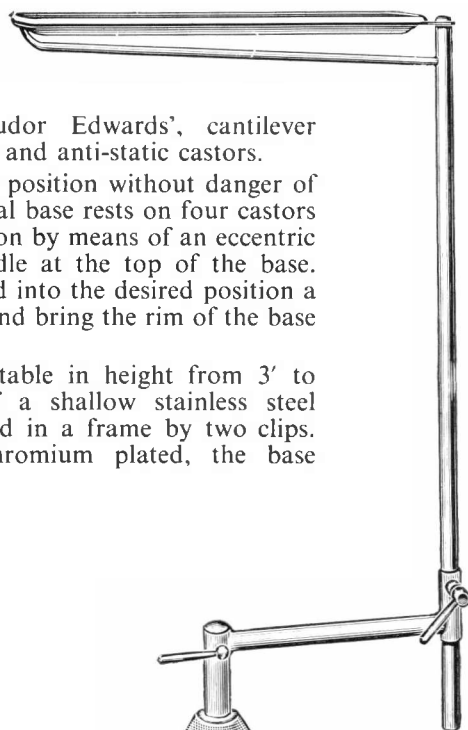


- GU1455** Webbing Belt with stainless steel "Quick release clip", Roberts'.
- GU1456** Extra Webbing Straps for above.

GU1457 Universal Instrument Table, Tudor Edwards', cantilever pattern, mounted on heavy base and anti-static castors.

This table can be used in any position without danger of overbalancing. The heavy conical base rests on four castors which can be thrown out of action by means of an eccentric movement controlled by a handle at the top of the base. When the table has been wheeled into the desired position a turn of the handle will lower it and bring the rim of the base in contact with the floor.

The top is adjustable in height from 3' to 5' and consists of a shallow stainless steel tray 16" x 22" held in a frame by two clips. All fittings are chromium plated, the base cellulose enamelled.



GU1457



GU1458

GU1458 Projector Light, G.U. Pattern, chromium plated with adjustable mirror, mounted on cellulose finished tripod base. Complete with 100 Watt Projector Lamp.
Please state voltage when ordering.

GU1459 Spare Lamps only for above.

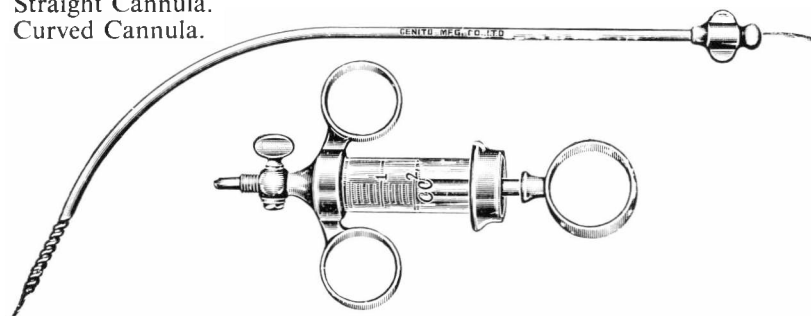


GU1460 Laryngeal Syringe, Neilson's 5 c.c., with straight and curved cannulae.

GU1461 5 c.c. Syringe only, Neilson's.

GU1462 Straight Cannula.

GU1463 Curved Cannula.



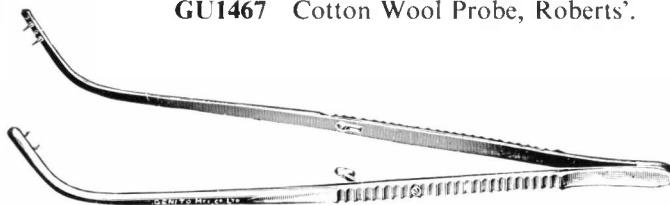
GU1464 Laryngeal Syringe, Brüning's, with wool probe ended cannula for anaesthesia of Larynx.

GU1466 Wool Probe ended Cannula, only.

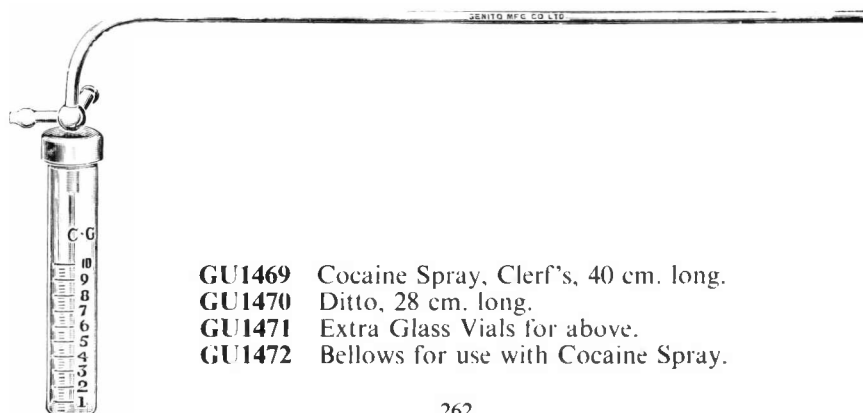
GU1465 2 c.c. Syringe only, Brüning's.



GU1467 Cotton Wool Probe, Roberts'.



GU1468 Laryngeal Forceps, Krause's, stainless steel.



GU1469 Cocaine Spray, Clerf's, 40 cm. long.

GU1470 Ditto, 28 cm. long.

GU1471 Extra Glass Vials for above.

GU1472 Bellows for use with Cocaine Spray.

Per Oral Endoscopes

by Sir Victor Negus, M.S., F.R.C.S.

The Instruments described in the following pages have been made in close collaboration with the author, and their practical value has been demonstrated in his Clinic over a number of years.

The Negus Laryngoscopes, Œsophageal Speculæ, and Œsophagoscopes have the source of light placed outside the speculum, leaving the full lumen free.

The details of construction can be clearly seen on outline drawings "A" and "B" of a Negus Laryngoscope.

Two small channels, welded to the speculum on opposite sides and in a slanting direction, hold two projector lamps in position. The wall of the speculum underlying these channels is cut away to allow the beams of light to enter the speculum.

The angle between the two beams is so arranged that they converge and cross each other on the point of emergence from the speculum, i.e., at the site of operation. The light is just sufficiently diffused to produce an even illumination in any plane situated up to four inches from the distal end of the instrument.

The electrical connection between the battery and the two lamps is established by means of a horse-shoe shaped lamp carrier, provided with screw sockets and cable connection. It can be readily removed from the speculum (with the lamps) and sterilized by boiling or any other known method. The design is both simple and strong.

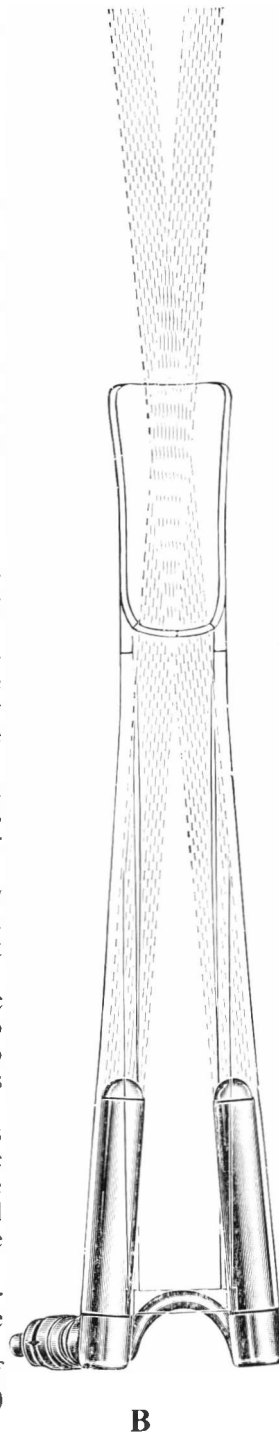
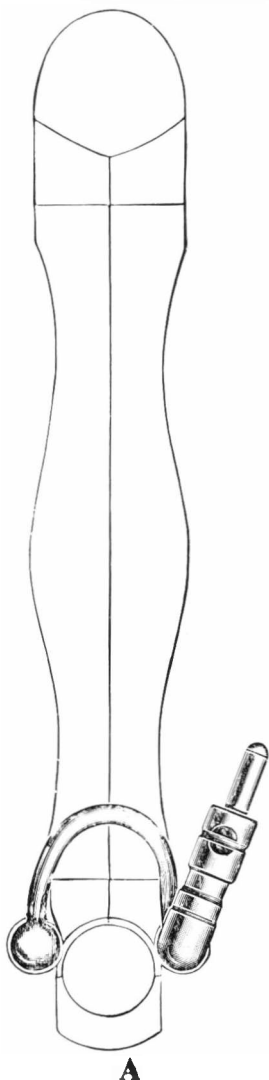
The Negus Bronchoscopes are fitted with distal and proximal lighting. The latter is produced by a special prismatic projector detachably mounted on the square handle.

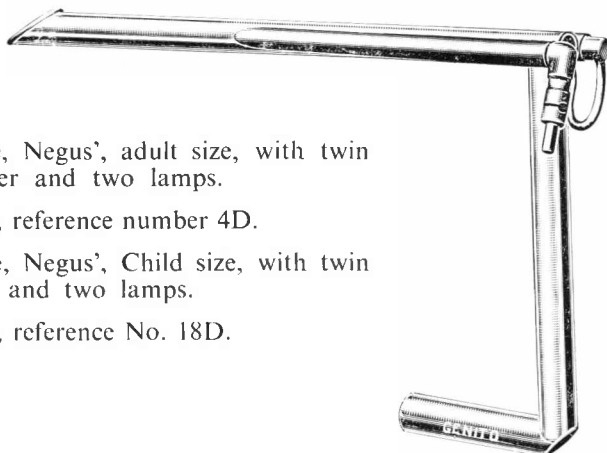
Proximal lighting in Bronchoscopes is only effective and valuable for diagnostic purposes. Except in the adult size, too much light is lost when instruments are passed.

The proximal third of the Bronchoscopic tubes is expanded—funnel shaped—in order to facilitate vision during instrumentation, and to prevent glare when proximal illumination is used.

Particular attention has been paid to the sizes of the distal portion of the Bronchoscopic tubes, i.e., the part that passes between the vocal cords, and definite circumferential measurements, suitable to the age of the patient, have been determined.

The old practice of identifying these instruments by the size of the bore, regardless of the external measurements, has serious drawbacks, and often resulted in œdema or even trauma of the cords. (See table on pages 265 & 270)



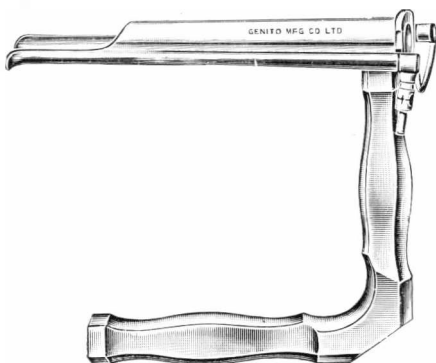


GU1473 Tracheoscope, Negus', adult size, with twin lamp carrier and two lamps.

GU1474 Extra Lamps, reference number 4D.

GU1475 Tracheoscope, Negus', Child size, with twin lamp carrier and two lamps.

GU1476 Extra Lamps, reference No. 18D.



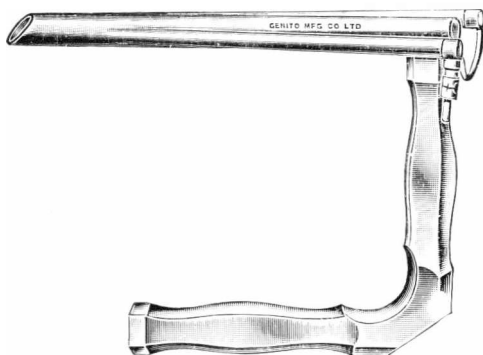
GU1477 Adult Laryngoscope, Negus', with twin lamp carrier and two lamps.

GU1478 Extra Lamps, reference number 5D.



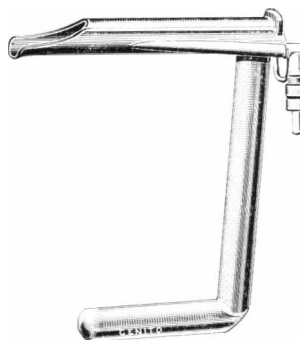
GU1479 Child Laryngoscope, Negus', with twin lamp carrier and two lamps.

GU1480 Extra Lamps, reference number 4D.



GU1481 Anterior Commissure Laryngoscope, Negus', with twin lamp carrier and two lamps.

GU1482 Extra Lamps, reference number 5D.

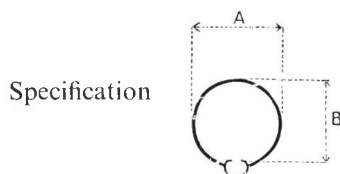


GU1483 Infant Laryngoscope, Negus', with twin lamp carrier and two lamps.

GU1484 Extra Lamps, reference number 18D.

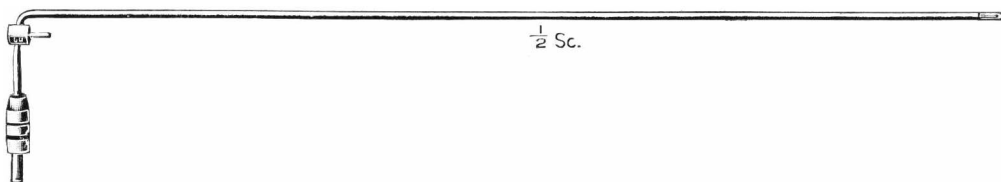


- GU1485** Adult size Bronchoscope, Negus', with two lamp carriers and two lamps.
GU1486 Ditto, adult small.
GU1487 Ditto, adolescent.
GU1488 Ditto, adolescent small.
GU1489 Ditto, child.
GU1490 Ditto, infant.
GU1491 Ditto, suckling.
GU1492 Ditto, suckling small.
GU1493 Ditto, suckling short.
GU1494 Ditto, lower Bronchus.
GU1495 Adult size Aspirating Bronchoscope, Negus', with two lamp carriers and two lamps.
GU1496 Ditto, child Aspirating.

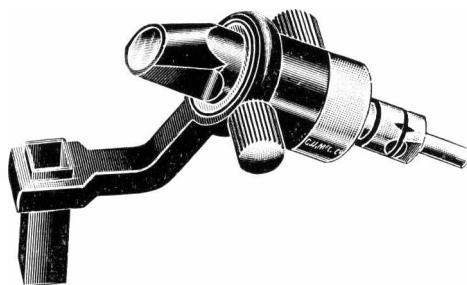


Cross section of bronchoscope tube

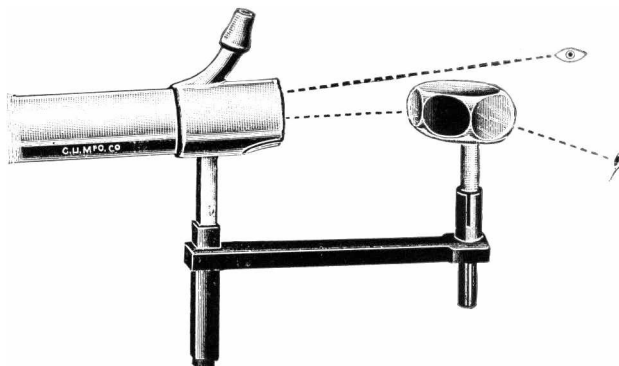
	Outside diameter	Inside diameter "A"	Inside diameter over lamp "B"	Circumference	Length
	m.m.	m.m.	m.m.	m.m.	cm.
Adult	11.0	10.0	8.7	35.0	40
Adult small	10.0	9.0	7.7	32.0	40
Adolescent	9.0	8.0	6.7	29.0	40
Adolescent small	8.0	7.0	5.7	26.0	40
Child	8.0	7.0	5.7	26.0	30
Infant	6.0	5.4	4.1	19.5	27.5
Suckling	4.8	4.1	3.2	15.0	27.5
Suckling small	4.3	3.7	2.8	13.0	27.5
Suckling short	4.3	3.7	2.8	13.0	18
Lower Bronchus	7.0	6.4	5.1	22.5	45
Adult Aspirating	8.5	7.5	6.2	29.0	40
Child Aspirating	8.0	7.0	5.7	26.0	30



- GU1497** Extra Lamp Carriers, for Negus adult, small adult, adolescent, adolescent small, and adult aspirating Bronchoscopes, 40 cm.
- GU1498** Extra Lamp Carriers, for Negus Lower Bronchus Bronchoscope, 45 cm.
- GU1499** Extra Lamp Carriers, for Negus child and child Aspirating Bronchoscopes, 30 cm.
- GU1500** Extra Lamp Carriers, for Negus infant Bronchoscope, 27.5 cm.
- GU1501** Extra Lamp Carriers, for Negus suckling and suckling small Bronchoscopes, 27.5 cm. long.
- GU1502** Extra Lamp Carriers, for Negus suckling short Bronchoscope, 18 cm.
- NOTE.—The lamp carriers for the Negus suckling, suckling small and suckling short Bronchoscopes have fixed lamps. When the lamp is burnt out the carrier should be returned for repair.
- GU1503** Extra Lamps for Negus Bronchoscopes, reference number 1C.



- GU1504** Proximal Beam Projector, interchangeable on all sizes of Negus Bronchoscope.
- GU1505** Extra Lamps, reference number 1PC.



- GU1506** Double Vision Teaching Eye Piece, Brian Taylor's, for use with Negus Bronchoscopes.



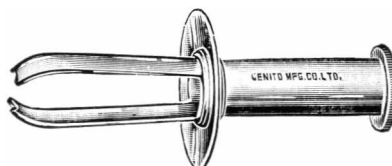
- GU1507** Retrograde Bronchoscopic Telescope, 48 cm. long, with two spare lamps, switch and cable.
- GU1508** Right Angle Bronchoscopic Telescope, 48 cm. long, with two spare lamps, switch and cable.
- GU1509** Extra Lamps for above, reference number 1B.
- GU1510** Right Angle Bronchoscopic Telescope, 34 cm. long, for use with child size Bronchoscopes, with two spare lamps, switch and cords.
- GU1511** Retrograde Bronchoscopic Telescope, 34 cm. long, for use with child size Bronchoscopes, with two spare lamps, switch and cords.
- GU1512** Extra Lamps for child size telescopes, reference number 11B.



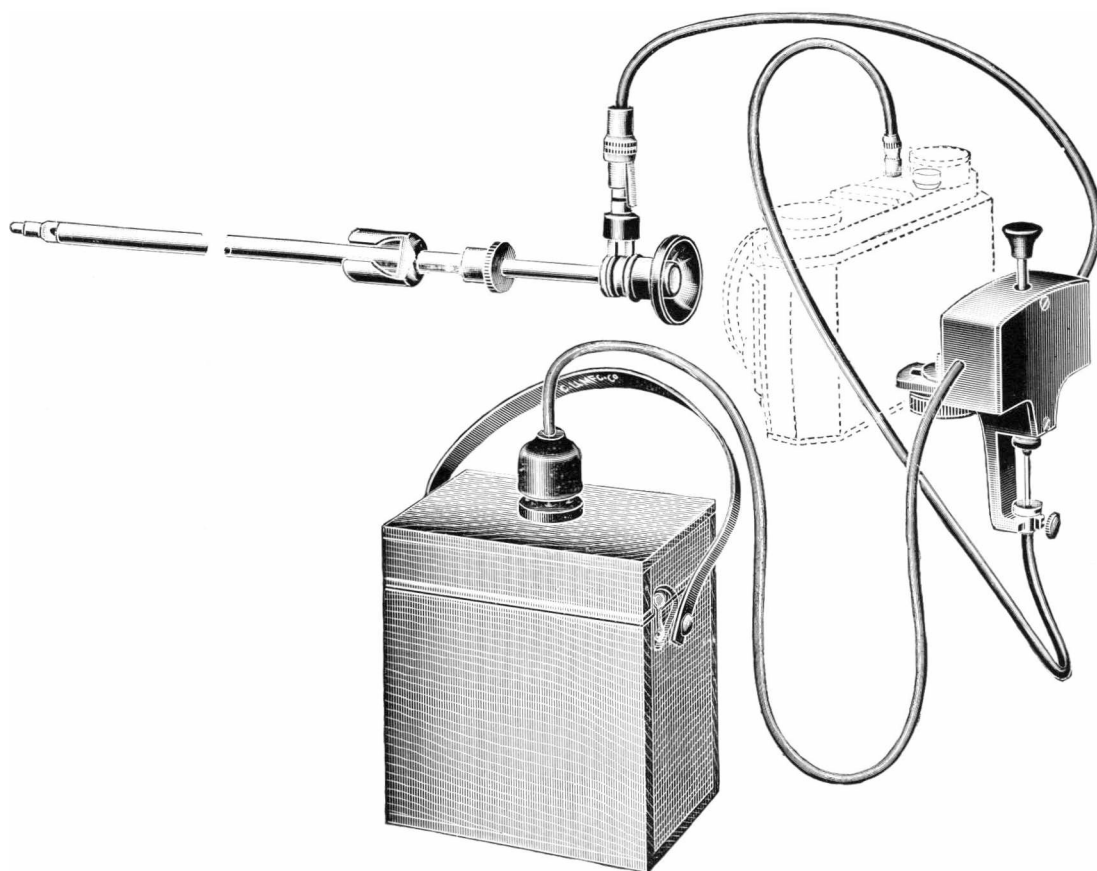
- GU1513** Foroblique Bronchoscopic Telescope, 48 cm. long, with cable and two spare lamps.
- GU1514** Extra Lamps for above, reference number 7C/C.



- GU1515** Direct Vision Bronchoscopic Telescope, 44 cm. long.
- GU1516** Direct Vision Bronchoscopic Telescope, 34 cm. long, for child size Bronchoscope.
- GU1517** Direct Vision Bronchoscopic Telescope, 30 cm. long, for infant size Bronchoscope.



- GU1518** Spring Clip Adaptor with shield, for use with direct vision Bronchoscopic Telescope.
- GU1519** Spring Clip Adaptor with shield, for use with child size direct vision Bronchoscopic Telescope.
- GU1520** Spring Clip Adaptor with shield, for use with infant size direct vision Bronchoscopic Telescope.



GU1521 Photographic Foroblique Telescope, for use with Negus adult Bronchoscopes, consisting of:—Special foroblique photographic telescope, switch clip, cable, special battery box (9 volts) booster switch, adaptor to hold telescope in bronchoscope and shutter release. Complete with 12 lamps 4.5.9 volts.

GU1522 Ditto, for use with Negus Oesophagoscope.

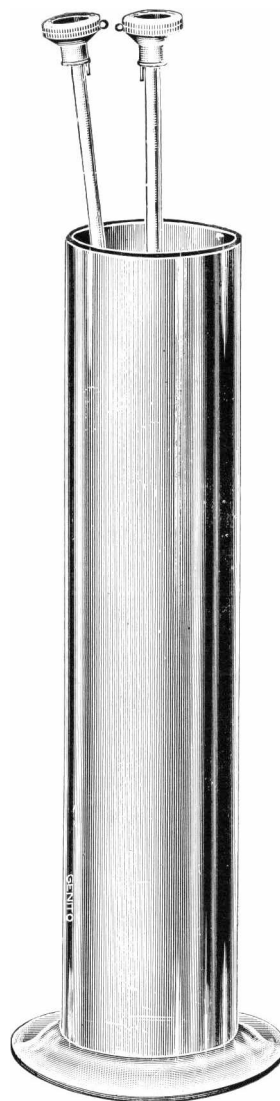
GU1523 Extra Lamps for use with either of the above, reference number 1PL.
(Type of Camera for use with above photographic telescopes, 35 m.m. preferably single lens reflex).



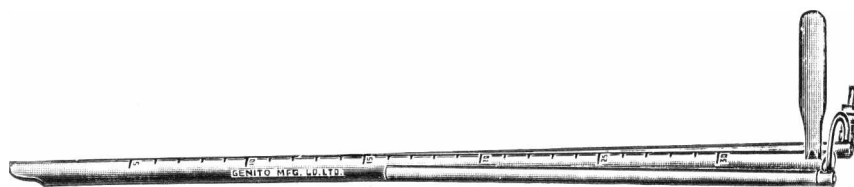
GU1524 Bronchus Blocker, Vernon Thompson's.



GU1525 Bronchus Blocker, Magill's.



GU1526 Bronchoscopic Telescope Container, as used at London Chest Hospital, chrome plated.



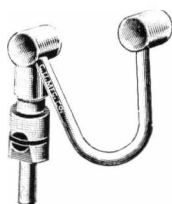
- GU1527** Adult extra long Oesophagoscope, Negus', full lumen, graduated in cms. with twin lamp carrier and two lamps.
- GU1528** Ditto, adult long, full lumen.
- GU1529** Ditto, adult long, medium lumen.
- GU1530** Ditto, adult short.
- GU1531** Ditto, adolescent.
- GU1532** Ditto, adolescent short.
- GU1533** Ditto, child.
- GU1534** Ditto, child short.
- GU1535** Ditto, infant.
- GU1536** Ditto, infant small.

Specification

size	Outside diameter	Inside diameter	Circumference	Length
	m.m.	m.m.	m.m.	cm.
Adult extra long, full lumen	18 × 20	15.6 × 17.6	60	53
Adult long, full lumen	18 × 20	15.6 × 17.6	60	45
Adult long, medium lumen	14 × 16	11.6 × 13.6	48	45
Adult short	16 × 18	13.6 × 15.6	55	35
Adolescent	12 × 14	9.6 × 11.6	42	35
Adolescent short	12 × 14	9.6 × 11.6	42	25
Child	10 × 12	8.0 × 10.0	35	35
Child short	10 × 12	8.0 × 10.0	35	25
Infant	9 × 10	7.6 × 8.6	31	20
Infant small	7 × 8	6.6 × 5.6	24	20



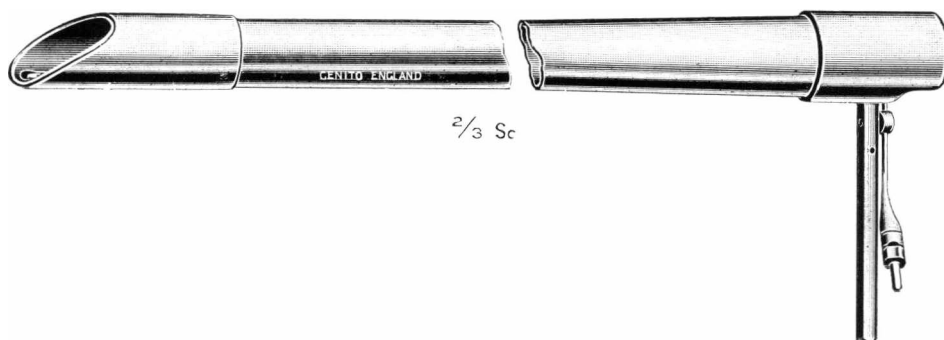
- GU1537** Detachable Suction tube for use with adult extra long Oesophagoscope.
- GU1538** Ditto, for adult long, full and medium lumen Oesophagoscopes.
- GU1539** Ditto, for adult short Oesophagoscopes.
- GU1540** Ditto, for adolescent and child Oesophagoscopes.



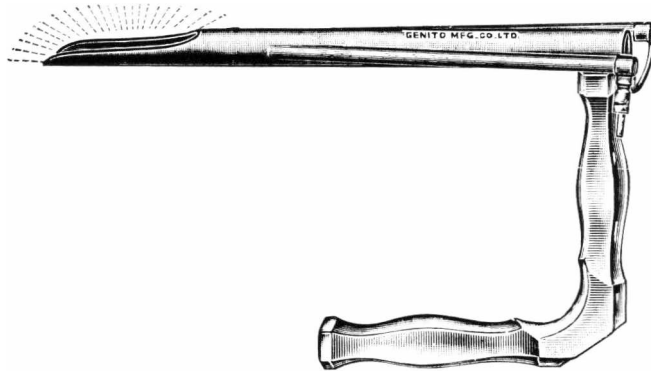
- GU1541** Twin Lamp Carrier, for Negus' Adult Laryngoscopes, Oesophagoscopes, and Oesophageal Speculum.
- GU1542** Spare Lamps for above, reference number 5D.
- GU1543** Twin Lamp Carrier for Child Laryngoscopes, child and adolescent Oesophagoscopes, child Oesophageal Speculum and adult Tracheoscope.
- GU1544** Extra Lamps for above, reference number 4D.
- GU1545** Twin Lamp Carrier for Infant Laryngoscope and Infant Oesophagoscopes.
- GU1546** Extra Lamps for above, reference number 18D.



- GU1547** Oesophageal Telescope, Barlow's, direct vision, 54 cm. long:—consisting of Direct vision telescope, light carrier tube, switch and cords and two spare lamps. (For use with Negus adult size Oesophagoscopes).
- GU1548** Extra Lamps for above, reference number 2D.

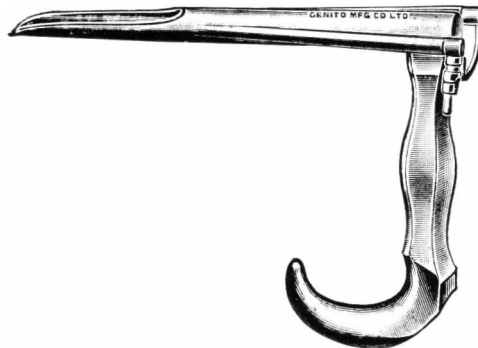


- GU1549** Oesophagoscope, Belsey's, 53 cm. long, distal illumination with two lamp carriers and two lamps.
- GU1550** Extra Lamps for above, reference number 1C.
- GU1551** Extra Lamp Carriers for above, 53 cm.



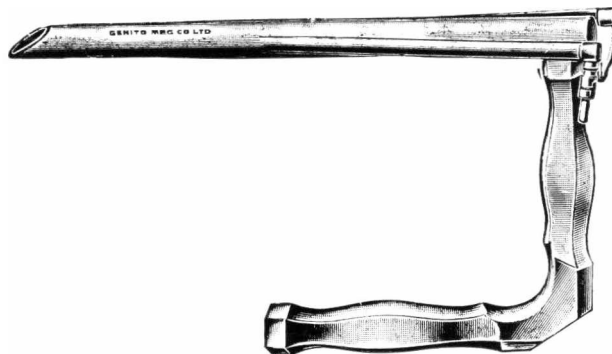
GU1552 Adult Oesophageal Speculum, Negus', with twin lamp carrier and two lamps.

GU1553 Extra Lamps, reference number 5D.



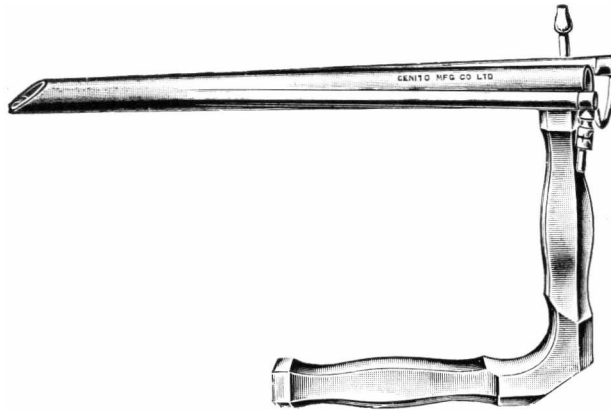
GU1554 Child Oesophageal Speculum, Negus', with twin lamp carrier and two lamps.

GU1555 Extra Lamps, reference number 4D.



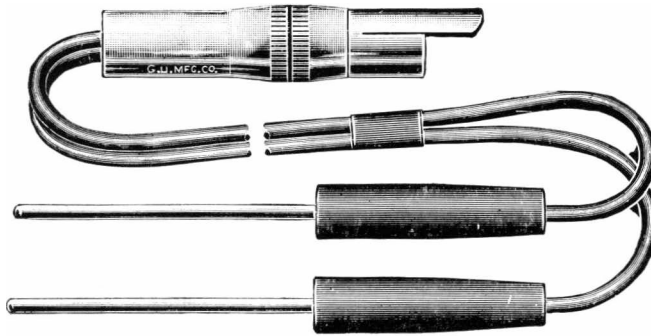
GU1556 Adult Oesophageal Speculum, with bevelled end, Negus', with twin lamp carrier and two lamps.

GU1557 Extra Lamps, reference number 5D.

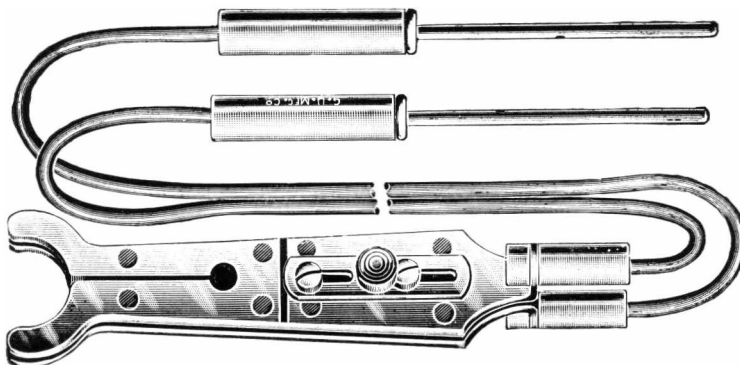


GU1558 Adult Oesophageal Speculum, with bevelled end and aspirating tube, Negus', with twin lamp carrier and two lamps.

GU1559 Extra Lamps, reference number 5D.

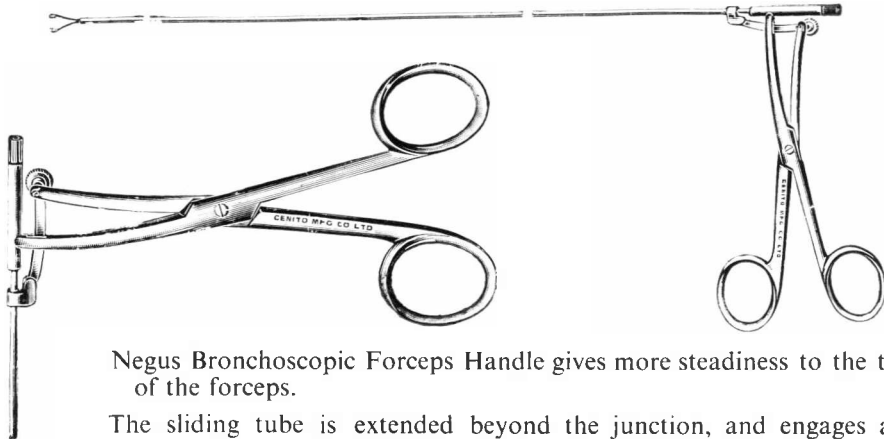


GU1560 Lead, for Negus Endoscopic Instruments.









GU1561 Lead, for use with bronchoscopic telescopes.

Chevalier Jackson's Forceps for Bronchoscopy and Oesophagoscopy
These Forceps are fitted on Negus' Forceps Handle



Negus Bronchoscopic Forceps Handle gives more steadiness to the tip of the forceps.

The sliding tube is extended beyond the junction, and engages an accurately bored out cylinder fixed to the opposite branch.

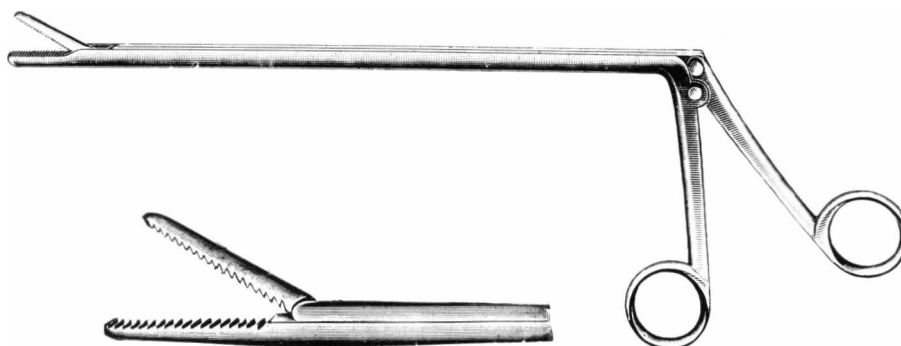
		Length
	GU1562 Side Grasping	35 cm.
	GU1563 Side Grasping	45 cm.
	GU1564 Side Grasping	50 cm.
	GU1565 Side Grasping	60 cm.
	GU1566 Forward Grasping	35 cm.
	GU1567 Forward Grasping	45 cm.
	GU1568 Forward Grasping	50 cm.
	GU1569 Forward Grasping	60 cm.
	GU1570 Rotation	35 cm.
	GU1571 Rotation	45 cm.
	GU1572 Rotation	50 cm.
	GU1573 Rotation	60 cm.
	GU1574 Biopsy	35 cm.
	GU1575 Biopsy	45 cm.
	GU1576 Biopsy	50 cm.
	GU1577 Biopsy	60 cm.
	GU1578 Peanut	35 cm.
	GU1579 Peanut	45 cm.
	GU1580 Peanut	50 cm.
	GU1581 Peanut	60 cm.
	GU1582 Tuckers Pin and Tack	35 cm.
	GU1583 Tuckers Pin and Tack	45 cm.
	GU1584 Tuckers Pin and Tack	50 cm.
	GU1585 Tuckers Pin and Tack	60 cm.

GU1586 Forward Grasping Forceps, extra fine for Bronchoscopes, catalogue Nos. **GU1490—GU1493**

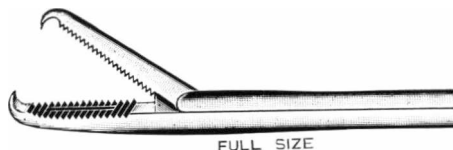
GU1587 Side Grasping Forceps, extra fine for Bronchoscopes, catalogue Nos. **GU1490—GU1493**

GU1588 Peanut Forceps extra fine, for Bronchoscopes, catalogue Nos. **GU1490—GU1493.**

Particulars and prices of special models on application



- GU1589** Grasping Forceps, Chevalier Jackson's, 28 cm. long, stainless steel.
GU1590 Ditto, 35 cm. long.
GU1591 Ditto, 40 cm. long.
GU1592 Ditto, 50 cm. long.



FULL SIZE

- GU1593** Rotation Forceps, Chevalier Jackson's, 28 cm. long, stainless steel.
GU1594 Ditto, 35 cm. long.
GU1595 Ditto, 50 cm. long.
GU1596 Ditto, 60 cm. long.



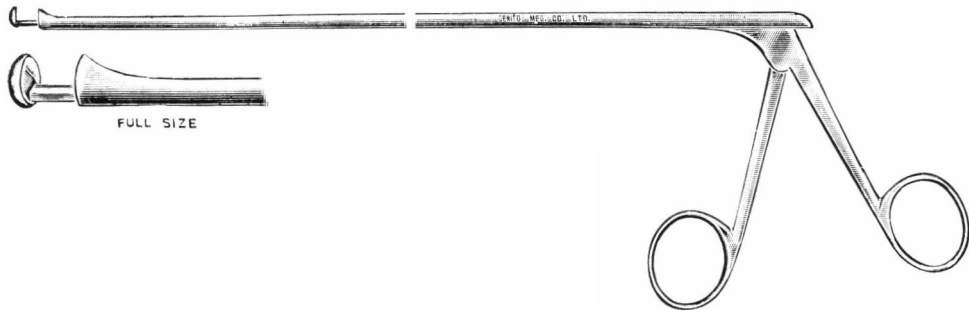
- GU1597** Biopsy Forceps, Brian Taylor's, 28 cm. long, stainless steel.
GU1598 Ditto, 40 cm. long.
GU1599 Ditto, 50 cm. long.



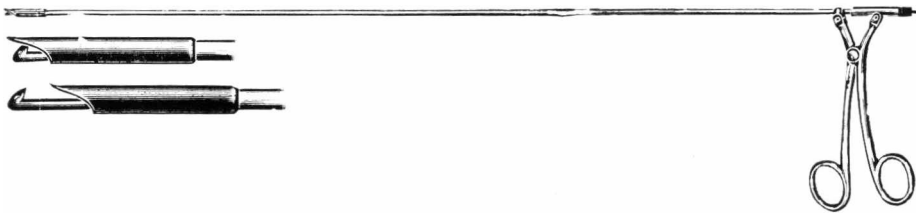
- GU1600** Forceps, Patterson's, with cutting jaws, 28 cm. long, stainless steel.
GU1601 Ditto, 35 cm. long.
GU1602 Ditto, 50 cm. long.



- GU1603** Foreign Body Forceps, Chevalier Jackson's, 40 cm. long, stainless steel.
GU1604 Ditto, 50 cm. long.
GU1605 Ditto, 60 cm. long.



GU1606 Punch Biopsy Forceps, Schrire's, 50 cm. long, stainless steel.



GU1607 Punch Forceps, Robert's, 50 cm. long.

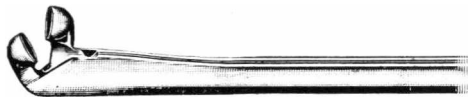


GU1608 Biopsy Forceps, Brock's, with sharp cup jaws, 28 cm long, straight, stainless steel.

GU1609 Ditto, 35 cm. long.

GU1610 Ditto, 50 cm. long.

GU1611 Ditto, 60 cm. long.

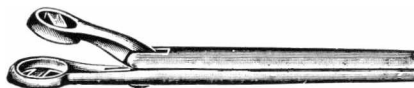


GU1612 Biopsy Forceps, Brock's, with sharp cup jaws, 28 cm. long, angled, stainless steel.

GU1613 Ditto, 35 cm. long.

GU1614 Ditto, 50 cm. long.

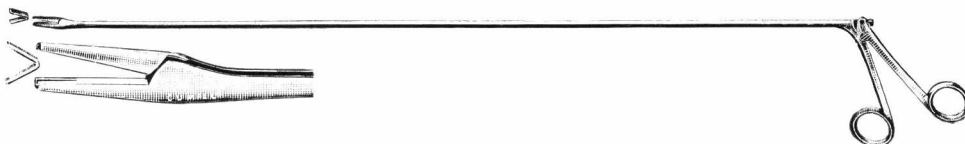
GU1615 Ditto, 60 cm. long.



GU1616 Tissue Punch Forceps, Chevalier Jackson's, 28 cm. long, stainless steel.



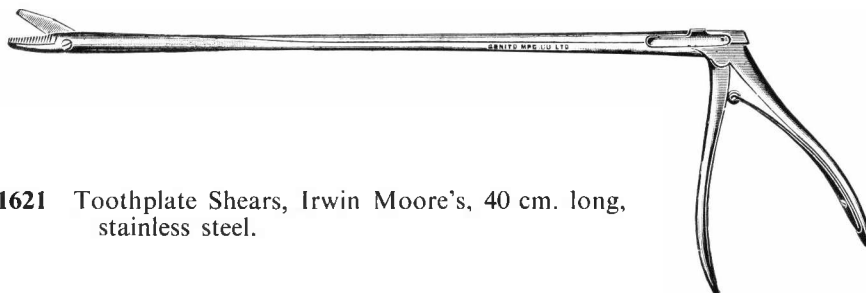
GU1617 Papilloma Forceps, Chevalier Jackson's, 28 cm. long, stainless steel.



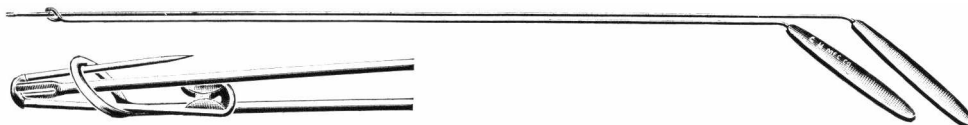
GU1618 Oesophageal Clip Insertion Forceps, Allison's, 55 cm. long, stainless steel.

GU1619 Clips for use with above.

GU1620 Rack to hold clips. (*Not illustrated*).

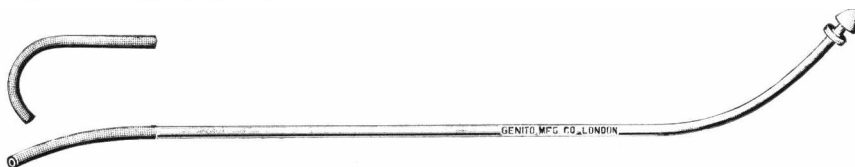


GU1621 Toothplate Shears, Irwin Moore's, 40 cm. long, stainless steel.



GU1622 Safety Pin remover, Barlow's adult, size.

GU1623 Ditto, child size.



GU1624 Bronchoscopic Aspirating Tube, Negus', with flexible gum elastic end.

GU1625 Flexible Gum Elastic Ends for above, size 15 French gauge.

GU1626 Ditto, full curve, size 15 French gauge.

GU1627 Bronchoscopic Aspirating Tube with flexible gum elastic end, extra large size as made for Clare Hall Hospital.

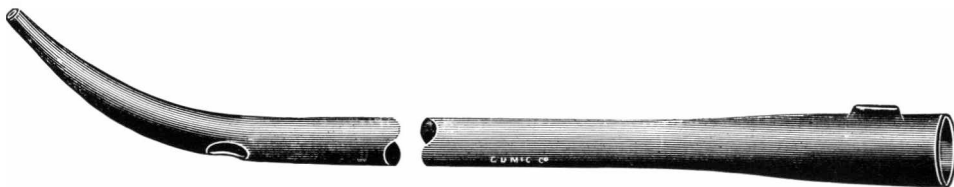
GU1628 Flexible Gum Elastic ends for above, size 17 French gauge.

GU1629 Bronchoscopic Aspirating Tube with flexible gum elastic end, small size for use with Suckling and Infant size Bronchoscopes, as made for Brompton Hospital.

GU1630 Flexible Gum Elastic Ends for above, size 8 French gauge.



- GU1631** Bronchoscopic Aspirating Tube, Chevalier Jackson's, open end, 55 cm. long, outside diameter 6 m.m.
- GU1632** Ditto, outside diameter 5 m.m.
- GU1633** Ditto, 4 m.m.
- GU1634** Ditto, 3 m.m.
- GU1635** Ditto, 50 cm. long outside diameter 6 m.m.
- GU1636** Ditto, 5 m.m.
- GU1637** Ditto, 4 m.m.
- GU1638** Ditto, 3 m.m.
- GU1639** Ditto, 45 cm. 6 m.m.
- GU1640** Ditto, 5 m.m.
- GU1641** Ditto, 4 m.m.
- GU1642** Ditto, 3 m.m.
- GU1643** Ditto, 35 cm. 6 m.m.
- GU1644** Ditto, 5 m.m.
- GU1645** Ditto, 4 m.m.
- GU1646** Ditto, 3 m.m.
- GU1647** Ditto, 30 cm. 6 m.m.
- GU1648** Ditto, 5 m.m.
- GU1649** Ditto, 4 m.m.
- GU1650** Ditto, 3 m.m.



- GU1651** Bronchoscopic Suction Catheter, Crampton-Smith's, semi rigid india rubber, long tip, open end and lateral eye, sizes 4 to 12 English gauge.
- GU1652** Ditto, short tip, sizes 4 to 12 English gauge.

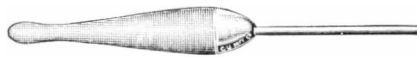


- GU1653** Bronchoscopic Suction Tube, Flexible Gum Elastic, sizes 8 to 16 French gauge.
- GU1654** Bronchoscopic Suction Tube, Plastic, sizes 8 to 16 French gauge.



- GU1655** Bronchoscopic and Oesophageal Dilators, Chevalier Jackson's, gum elastic, mounted on nickel plated stems, sizes 8 to 20, 22, 24, 26, 28, 30, 34, 38 French gauge.

These dilators are woven directly on to the hemispherical metal mount by a process which results in a smooth surface without step.



- GU1656** Bronchoscopic and Oesophageal Dilators, Roberts', gum elastic mounted on nickel plated stems, sizes 8 to 20, 22, 24, 26, 28 and 30 French gauge.

These dilators are woven directly on to the hemispherical metal mount by a process which results in a smooth surface without step.



- GU1657** Oesophageal Aspirating Tube, Chevalier Jackson's, with two lateral eyes, 55 cm. long, outside diameter 6 m.m.

GU1658 Ditto, 5 m.m. outside diameter

GU1659 Ditto, 4 m.m. " "

GU1660 Ditto, 3 m.m. " "

GU1661 Ditto, 50 cm. long, outside diameter 6 m.m.

GU1662 Ditto, " " " " 5 m.m.

GU1663 Ditto, " " " " 4 m.m.

GU1664 Ditto, " " " " 3 m.m.

GU1665 Ditto, 45 cm. " " " 6 m.m.

GU1666 Ditto, " " " " 5 m.m.

GU1667 Ditto, " " " " 4 m.m.

GU1668 Ditto, " " " " 3 m.m.

GU1669 Ditto, 35 cm. " " " 6 m.m.

GU1670 Ditto, " " " " 5 m.m.

GU1671 Ditto, " " " " 4 m.m.

GU1672 Ditto, " " " " 3 m.m.

GU1673 Ditto, 30 cm. " " " 6 m.m.

GU1674 Ditto, " " " " 5 m.m.

GU1675 Ditto, " " " " 4 m.m.

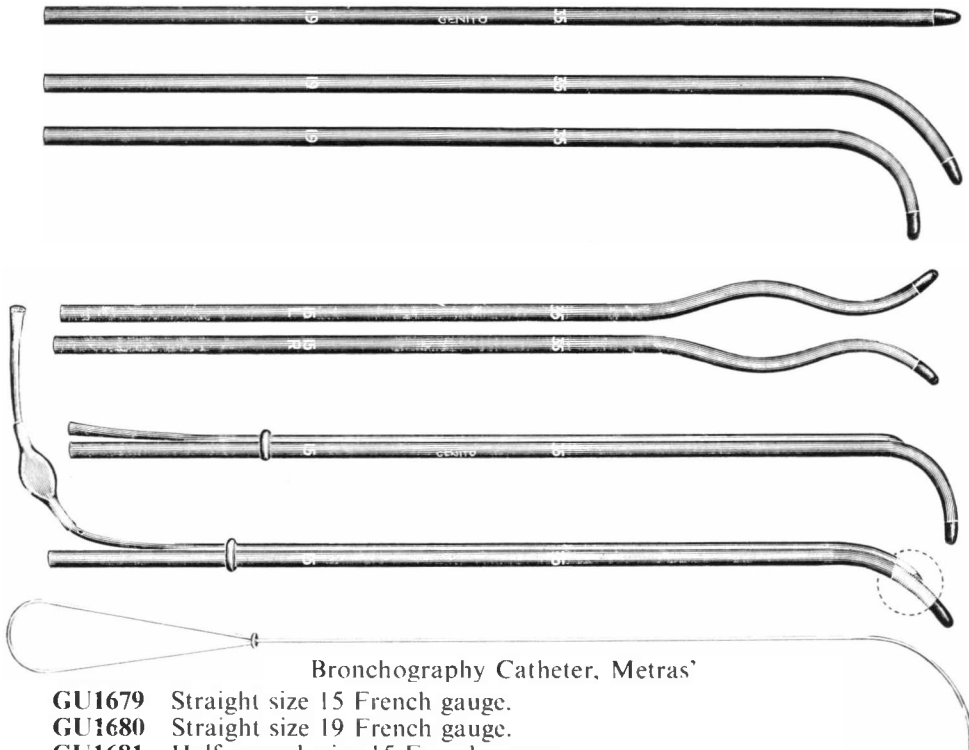
GU1676 Ditto, " " " " 3 m.m.



GU1677 Oesophageal Bougies, Olivary, gum elastic, 25" long, sizes 5 to 24 English gauge.



GU1678 Oesophageal Bougies, Cylindrical, gum elastic, 25" long, sizes 5 to 24 English gauge.



Bronchography Catheter, Metras'

- GU1679** Straight size 15 French gauge.
- GU1680** Straight size 19 French gauge.
- GU1681** Half curved, size 15 French gauge.
- GU1682** Half curved, size 19 French gauge.
- GU1683** Full curved, size 15 French gauge.
- GU1684** Full curved, size 19 French gauge.
- GU1685** Double curved, right, 15 French gauge.
- GU1686** Double curved, right, 19 French gauge.
- GU1687** Double curved, left, 15 French gauge.
- GU1688** Double curved, left, 19 French gauge.
- GU1689** With inflatable balloon, 15 French gauge.
- GU1690** With inflatable balloon, 19 French gauge.
- GU1691** With suction tube, 15 French gauge.
- GU1692** With suction tube, 19 French gauge.
- GU1693** Stilette for introducing above catheters.



GU1694 Specimen Collector, Luken's, "Pyrex" glass, with I.R. Tubing and bung.



- GU1695** Revolving Eye Shield, Negus'.
GU1696 Spare Glass Shield for above.
GU1697 Spare Perspex Shield for above.



- GU1698** Swab Holder, Coolidge's, fine.
GU1699 Ditto, medium.
GU1700 Ditto, large.

WARNING

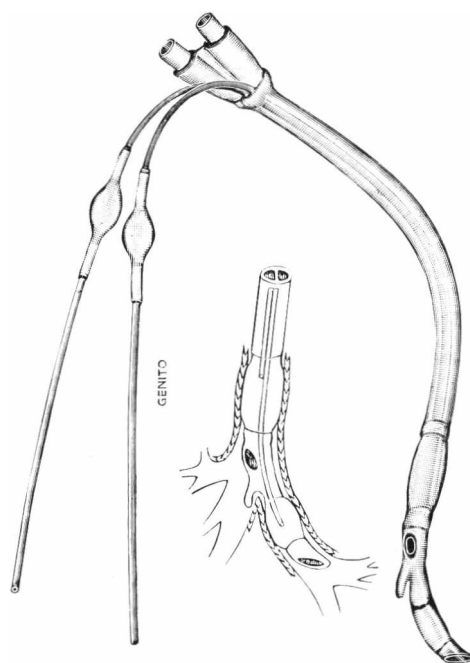
We cannot over-emphasise the importance of using the correct type of lamp with Endoscopic Instruments, since each type of lamp is designed to be used with a particular instrument to ensure the maximum illumination and efficiency. Furthermore, the use of incorrect lamps may cause serious damage to the instrument and/or the patient.



GU1701 Spirometer, gasometer type, chromium plated with I.R. tubing and glass mouthpiece.

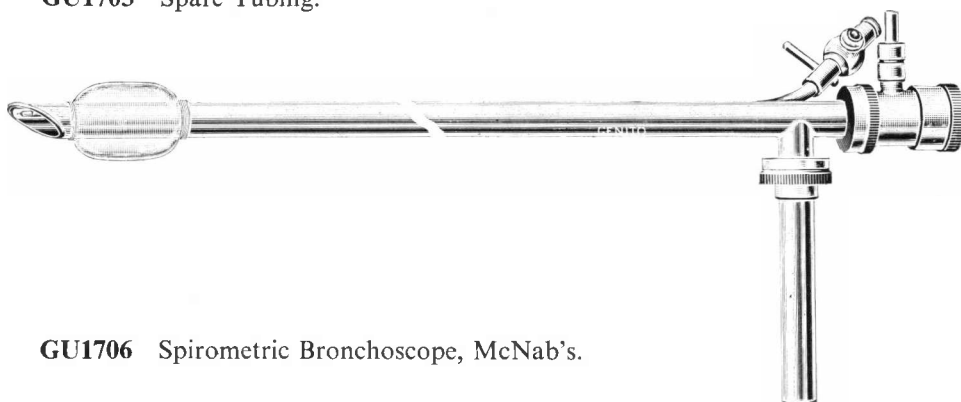
GU1702 Spare glass mouthpiece.

GU1703 Spare Tubing.

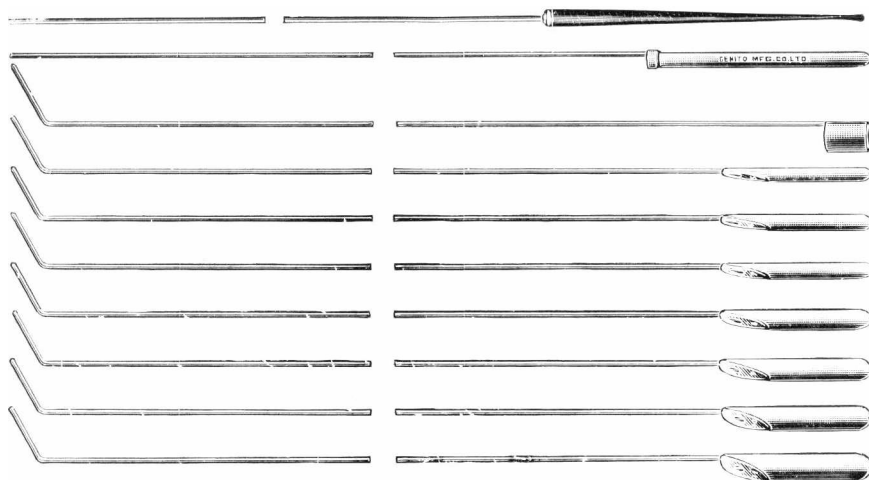


GU1704 Bronchspirometry Catheter, Carlen's, with X-ray indicators, sizes 35, 37, 39 and 41 French gauge.

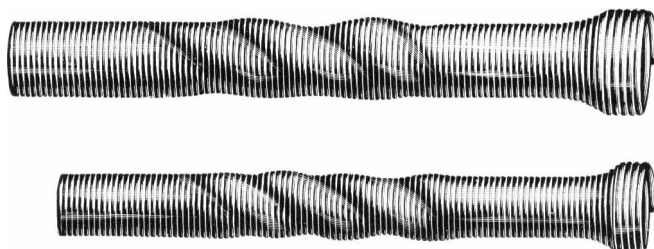
GU1705 Stilette for above.



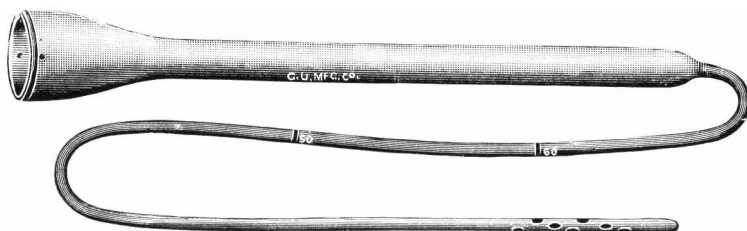
GU1706 Spirometric Bronchoscope, McNab's.



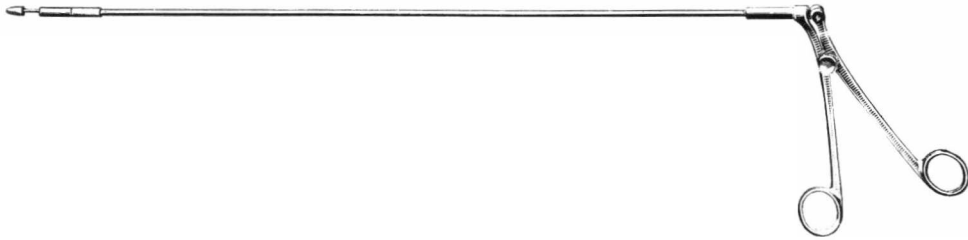
- GU1707** Instruments for Oesophageal Intubation, Souttar's, set consisting of:—
 one Conductor with flexible gum elastic tip, 8 Charriere, seven
 Aluminium Dilators, 5 to 11 m.m. diameter, two Mandrils for
 intubation tubes (two sizes), two Rings for releasing tubes (two
 sizes). Complete with two Intubation tubes, sizes 8 and 10 m.m.



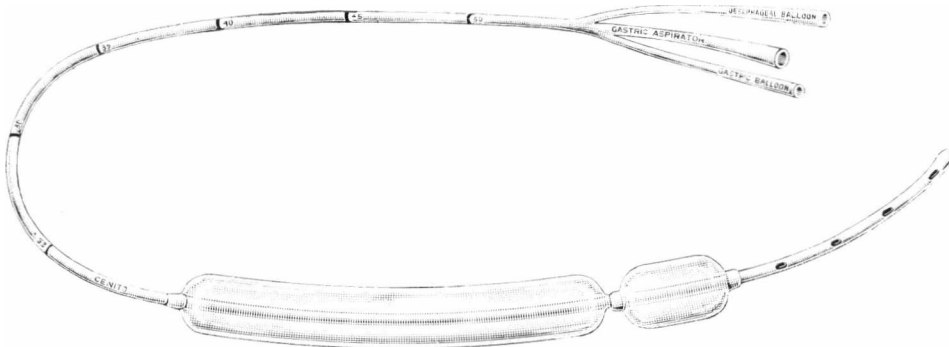
- GU1708** Oesophageal Intubation Tube, Souttar's, spiral gilt wire, 3" long,
 8 m.m. diameter.
GU1709 Ditto, 3½" long, 8 m.m. diameter.
GU1710 Ditto, 4" " " "
GU1711 Ditto, 3" long 10 m.m. diameter.
GU1712 Ditto, 3½" " " "
GU1713 Ditto, 4" " " "



- GU1714** Oesophageal Intubation Tube, Mousseau-Barbin, plastic, sizes 10,
 12, 14, 16 m.m. diameter.



- GU1715** Oesophageal Borer, Barlow's, 5 m.m. diameter.
GU1716 Ditto, 7.5 m.m. diameter.



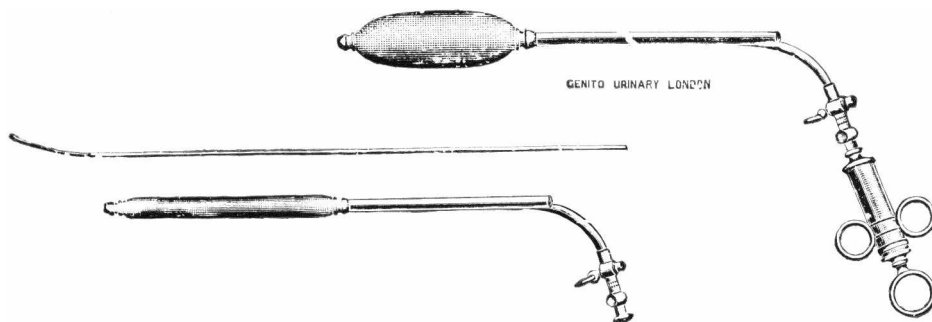
- GU1717** Naso-gastric Tube, Sengstaken's, for control of haemorrhage of oesophageal varices, with two inflatable balloons. Adult size.
GU1718 Ditto, child size.



- GU1719** Oesophageal Varicose Vein Needle. Roberts', with detachable needle.
GU1720 Syringe for above, 5 c.c.
GU1721 Extra Needles for above.



- GU1722** Olivary Dilators, Negus', set of five sizes 14, 19, 24, 29 and 34 French gauge.



GU1723 Hydrostatic Oesophageal Dilator, Negus':—consisting of dilating bag flexibly mounted on metal tube with stopcock. Filiform bougie for conducting dilator into stricture, and 20 c.c. metal syringe with three finger rings.

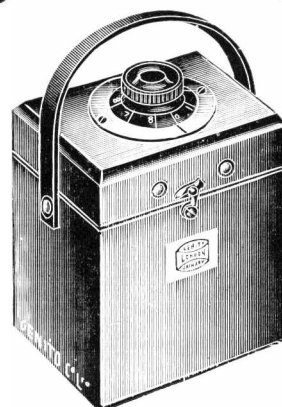
GU1724 Ditto, child size.

GU1725 Spare 20 c.c. Metal Syringe.

GU1726 Spare Gum Elastic Filiform end.

GU1727 Spare Set of Balloons and covers for Adult size Dilator.

GU1728 Spare Set of Ditto for Child size Dilator.

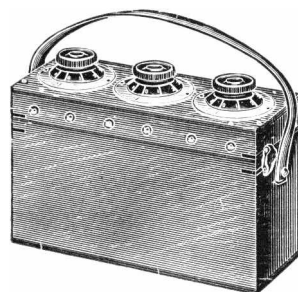


GU1729 Universal Dry Cell Battery Box, 8 volts with circular dustproof rheostat and special spring clip terminals.

GU1730 Spare Battery for above. Siemens size G.S.3 (Two are required).



GU1731 Light Transformer, earthfree, 0-10 volts, with special spring clip terminals (A.C. only).



GU1732 Triple Cell Battery Box, with three separate circuits and rheostats and special spring clip terminals.

GU1733 Spare Battery for above. Siemens size G.S.4 (Three are required).

Endoscopic Instrument Table

The technique of Per Oral Endoscopy requires a safe reliable low tension electric supply, and an efficient vacuum pump. These requirements can be met by separate batteries or portable transformers and vacuum pump, but the limited space round the operating table is very much encumbered by such an arrangement.

At the request of Sir Victor E. Negus, M.S., F.R.C.S., we have designed an instrument table containing the necessary equipment for low tension current and suction; a table which occupies less than 4 ft. square of floor space. Current from the alternating supply mains is led to the various components through a single robust and waterproof cable.

The table consists of a metal cabinet with stainless steel top, mounted on four anti-static ball bearing castors. To each of the four corners a handle is fitted for the dual purpose of protecting the projecting control knobs and terminals and to provide a handhold for moving the table. The cabinet is divided into two compartments, the upper and lower. The upper compartment contains the formalin sterilizer with an airtight door and two instrument trays 13½" wide and 3" deep. The upper tray is 27½" long and the lower one 21½". External to the sterilizer are the transformer and control gear. The lower compartment contains the pump and motor, fusebox, and two sparkless switches controlling the motor and transformer circuits. The spindles actuating these switches pass through gastight bushes to the outside of the cabinet, and terminate in handles marked "Pump" and "Light". The low tension circuits, four in number, are regulated by a corresponding number of knobs with graduated scales located at the front of the cabinet. These circuits terminate in three pairs of spring clip and one pair of screw terminals; two pairs for lighting circuits and one pair for cautery are mounted at one end of the cabinet and the other pair lighting circuit terminals are mounted on the front of the cabinet directly under the regulating knob. The maximum voltage of each lighting circuit is as follows: 10, 8 and 4 volts.

On the back of the cabinet is an airtight door giving access to the lower compartment containing the pump and main fuses. The oil immersed rotary vacuum pump has a displacement of approximately 28 litres per minute. It is driven by a totally enclosed ¼ h.p. motor with V-belt drive. The pump and motor are mounted on a metal base supported by four silent blocks. This mode of assembly reduces noise and vibration to a minimum. The motor is controlled by one of the two sparkless switches fixed to the front of the compartment. The specially designed quick release G.U. bottle-holder is fixed in a recess at one end of the cabinet, together with a spare 80 oz. bottle held in a clip by the side of the bottle in use, and an overflow trap. Two inlet ports at a right angle to one another are provided, controlled by a single-two-way cock. The vacuum gauge is mounted in the upper compartment, flush with the outside.

All fittings are chromium plated and the cabinet finished with several coats of off-white enamel.



GUI734 Negus Endoscopic Instrument Table.

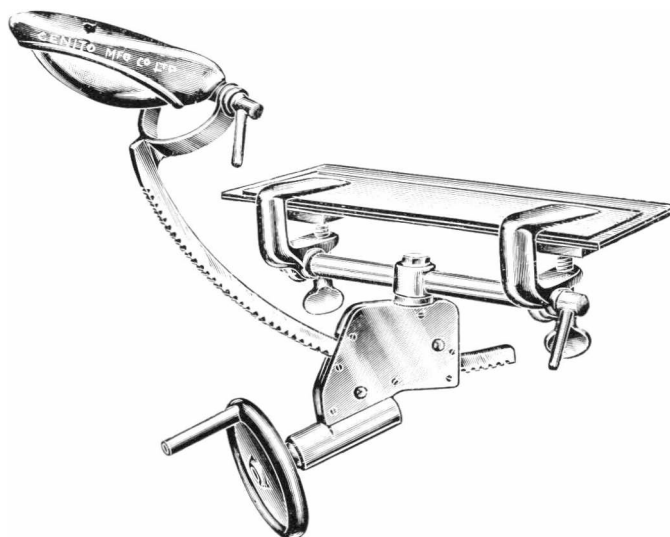
Please state voltage and frequency of supply when ordering.



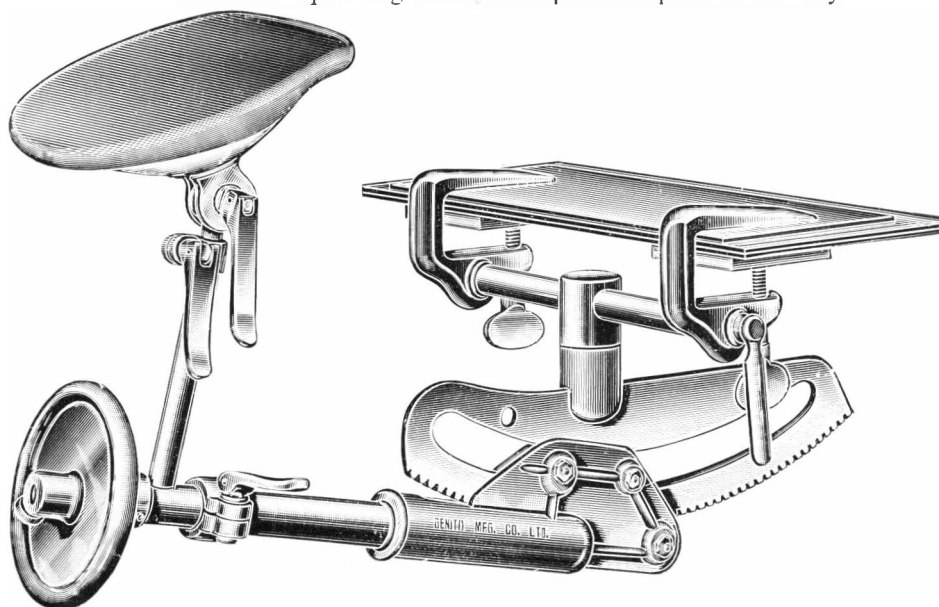
GUI735 Formalin Sterilizer for endoscopic instruments, Negus pattern, with three perforated trays $31" \times 11" \times 1\frac{1}{2}"$ deep and non-perforated formalin tray. The perforated trays are mounted on extension bars in such a way that the whole tray can be drawn out.

GUI736 Formalin Sterilizer, Negus pattern, as above but electrically heated.

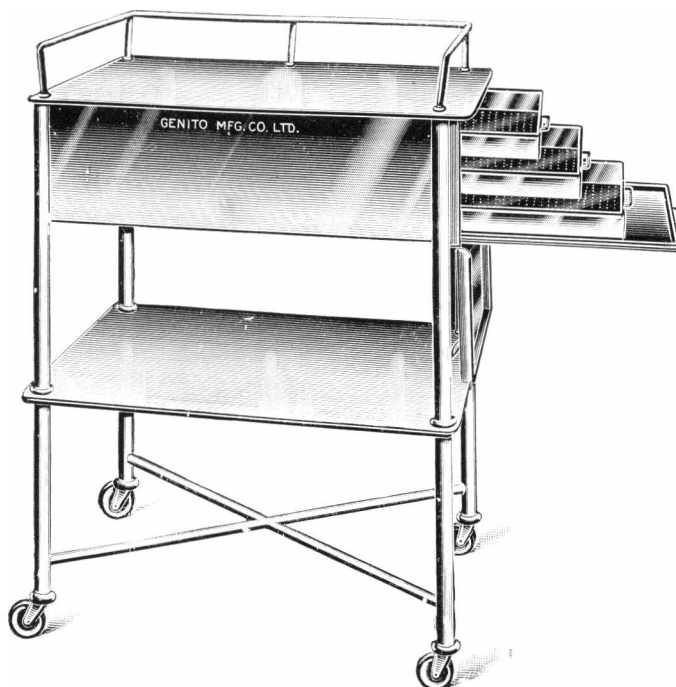
Please state voltage and frequency of supply when ordering.



- GU1737** Bronchoscopic Head Rest, G.U. modification of Haslinger's, chrome plated finish, with anti-static sponge rubber cover and clamps to fit almost any make of operating table.
- GU1738** Bronchoscopic Head Rest, G.U. modification of Haslinger's, chrome plated finish, with anti-static sponge rubber cover. To fit Universal Operating Table, Brompton Hospital model only.



- GU1739** Universal Head Rest for Bronchoscopy and Oesophagoscopy, chrome plated finish with anti-static sponge rubber cover and clamps to fit almost any make of operating table.
- GU1740** Universal Head Rest for Bronchoscopy and Oesophagoscopy, chrome plated finish, with anti-static sponge rubber cover. To fit Universal Operating Table, Brompton Hospital model only.



GU1741 Formalin Sterilizer Trolley, for endoscopic instruments, Papworth model, size 30"×18"×36" high, chrome plated, with three perforated trays size 28"×13½"×2" deep, one non-perforated formalin tray and gastight door. The trolley has a rail on three sides and is fitted with 2½" anti-static ball bearing castors.

GU1742 Formalin Sterilizer Trolley, Papworth model, as above but electrically heated.

Please state voltage and frequency of supply when ordering.

GU1743 Water Trough, detachable, size 24"×6"×4", chrome plated, for use with the above sterilizer trolleys.

This trough is hooked on to the rail on the trolley, and is filled with sterile water. When the instruments are taken out of the formalin chamber, they are plunged into the water, and any formalin deposit washed off.

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